

Introductory Lectures.

> by Adam Kuhn.

activities. .0712 Dr Adam Kulin's Lectures when Professor in University of Pennsylvania

Tr. Stulino

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History of Medecine Thysich has at different Times been whisted on different Many and with warious Succeptor, by which It has undergone many Revolutions, which may however be Geduced under 7 principal Periodol The fort comprehends of Time when Theason & Observation rely constituted y Science of predicine and extends to the Time of Copporates or four hundred years before the Birth of Christ and 36 years before good Megander, when Dogmation was exhibited or the joyning of theory or Philosophy to Expresience & obvervation by Verior 2. Begins with the Evlablishment of Dogmation and continued untill the Empirice Sect arose. Gerapion was the Founder of this , and Experience alone Regard was paid Terapion lived about 185 Gears before y. Birth of Christ, and in y. Preign of Polemy Philadelphus Thing of Egypt-Jeriod 3. From y. Exhablishmen! of Empericism to y. There of ig methodic Sect, which has for its duthor Shemison, and is properly a Branch of Dogmation. Themison lived about if beginning of ig. Phrisken are was colomparary of Augustico Casar.

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Tenies of Galen who supported both is empiric of methodic lect antill the Senies of Galen who supported both is empiric of methodic from Sector & restored is dogmatic of Hippocrates. It bion from y beginning to is middle of the second bentury, a Colomporary of Inaneus Aurelius Antoninus, vinamed Philosophus. Veriod 5th Contains a very long space of Sime: from y. Prestitution of Dogmation by Galen untill y beginning of y. 16th Century, when Paracelow introduced Chemistry into Inducine, and became if withor of is themical led. He was cotomparary is Charles of hand flourished won after Luther had suceded form if Church of Brome general introducing Chemistry into Medicine.

The Jiscovery of introducing Chemistry into Medicine.

who flourished about if meddle of y. 17 th Century, and during if civil Wars. Jeriod 7th From y Circulation of y Blood being discovered untill y present Sime. Medecine is at present sudied on a Dogmatic Folan, but practiced on y empiric of thate of Medecine during y several Veriods

Jeriod 1 th This occupies a great length of Time, of which we have but very obscure Accounts, little dependance being to be had on you Sistory of those Times.

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Origin of ig. Ant. This has by some been altributed to Divine Sunda lion; but this pearce deserves a serious Mention, for we have little Preason to believe if divines herelation in andel which is to this Day in a dery low Fate. - There have attributed the Installing of it to particular Persone, whom they therefore call Founders or inventore. But y Persons mentioned by Nicorians perhaps never existed but in table It is not all probable that one Virson should have made such Rogardo in Physick as to Desgre of have of an Inventor of it I die by the Julcepive Sabours of Persons that Arts are produceds. We will cather supplose that medicine. is in one Messpect cowal with man. Ever since Manhind has been in of fate wherein we find it now, it must have been milject to various Dineaux, and liable to Pain & Technets, becasioned by y inclemencies of y. Hir, Creefe of Diel V6. The in a much lefo Degree than what were are how, on recount of their Simplicity of rife. But they Injuries which would require the habe to external. in many Diseases there is a natural instenct for Things that alove Prelief, some Diseases would be cared by Rolling; that along in venture face, and hence if first Origin of Mederine! The Baby lonians and The Balions exprosed their Sich on y Highways to y' lafterngers, who were requested to examine their State, by which they could know whether they had ever seen lessons in if like Condition

A Many of those if recovered hung up tables in is Semples of Andlahius specifying if Disease they had laboured under, and by what Mean's they had recovered li ca, nu

and discover these Chemidies that they had known to be of use in like bases. Long dife and a large family would render a Man capable of improving in it Anowledge of Vagrick. Fame, Suna, hity and grateful Milwin might contribute in encouraging a Man to make more accurate touvalions in order to be more beneficial to his Meighbours. The same Pholises might exite him to Janumit his inouledge to Soite ity, as indudo we know to have been y. bash, and medidine to have been confined for Lingth of years to certain Family . But Sill this natural Mysich, if I may be bellowed if expression, made no great Propreso, untill it was cultivated as a regular Science, and writed from one State into another, thus Green received it from Gyent, home again from Greece. State of Medicine in if several Country during Our Secounts of it are incompleal & defective. He have an Vocare Risbry of Fromer Treamegistor, who is rechoned the Father of Mederine Al hilosophy of Egypt. He laid down obliged to observe. He enjoyned that one Person should not presume to prescrible lin different Disorders, but confine the Valient died. These Regulations were calculated to print mischief, but then they were a great Restraint on Science.

In which we must conclude that a great deal of Priesteraft was and connected with it & & I imagine joined some They with it.

they might indeed answer in manual Operations, where great accuracy is required; but not at all in internal Diseases, as it would flead to ig go highest degree of Empericion, and Inalogy is vometimes need wary then in Empericion He have scarce any account of i natural Physich of i Grecians, all their History being involved in thescurily whatle The Priests of Oscilapins were chiefly intructed with y. Sich who were weally brought to got Emples to consult of Beity, and it was thought had if bured revealed to them in the Dream & But some of y. Priest worn became Clinical Physicians, but if exact time is difficultly ascertained. They veem to have been particularly allendine to the Prognosis. * All y. Wrillings or Plecords of Pryvich were hipt in the Temples, and there were at the same Time the Schools of Physich, some of which became very famous As Phoder, boilous, bous, brotona to. This was of this was of the Junes of Hispocrates. Sippocrates is supposed to have died at 104 years of age, the year before of Birth of Alexander, 200 years after Seiences hed began to flourish lin Greece & when Socrates & his Distiples had brought if Sciences to their highest pitch in that foundry I be was hed in one of the Semples, but soon became factudent of Philosophy and clinical Practitioner.

the are as about the son suffer all all suffer and the the

Preasoning is natural to man, in every polished Jociety then the Causes of Lings would be enquired into, nor can Chilerock, aire in y Mind of any one Person, but improve by Degrees as late & Cuences. Thales & Cythagoras had founded their choose about son fears before this Time; nor was it long before if. human frame Mind were considered proper Subjects for Philosophy. Memon a Disciple of Pythagoras, is recorded as I first that differette Animalis, and Endpredocter another of his Disciples acquired Fame as a Practitioner in Priville, but human bisies were not differented before if hime of Bippocrates If was a long time before bippscratted in Philocophors were Interlopens in y Practice of Physich, and sood in offolion to I Price in Sonaclife, who was refused the assistance of the medical Priests when wich Confedocles & Agraon? Stepates que likewise recordedo. This bar y. Sale of Myrich when to ipportates appeared. We suppose that Milosophy was introduced into y Schools of Physich about his Sime, and if this, be stranted, he will me, horaly be esterned of Franker of it, the below differs for all tothers when he vays: primus Sapientia Sudien a Medicin reparavil We find dothing concerning this is if Writings of Sippogrates nor is he mentioned by his Colemporaries, Jonanus In obscure Writer, who lived about 460 Jeans after Hippocrates, gives In probablico of hippocrates, but contains at if same time wuch him. The vame bejection may be made against Galences & Ther later Whiters. Nor can we judge of it by dippocratio's Willings as many of these are said to be specious, If we land his Hurstations only, he appears a great Dagonation, but take all lous the striping Philosopher own & he appears a most frive,

lon liver would have day but as Jorney look he we diffe

fur Phinion of Tiphocrates. Consighence in a life enlichtened by then what he is vaid to have lived in . He was born to bied in Thefoaly, remote for athers at that Time of Net of Viderature, and where a moderate there of Abillie would acquire thin great Fame, which if no material Perolution happened, might by his Disciples & concurring Eincumstances be caised to such a Height, as to make succeeding ages look on him as a brosing the the writing imputed to him are all Jaken legether, they appear abounds rediculous; but reliet them & we find Observations made is Accuracy & Vagacity, But we sand scence take all that are absiliated to hinh to be his genuine Works_ The first & third book of Spidemies contain an accurate Marration of Facts, the other Books on Spidemices are Loifling. The aphoriotical Works contain excellent matter, but not us valuable as generally thought, and have now look much of their original Tonfartance, owing perhaps, in part at least, to y. difft blimates. Two of his Works bevile these decree any notice. They con lain vingle Capages of some balle, But isout any method or youm. We conclude him to be a great man, but do not look on him to superstitions admiration. It is very strange that pronouver Laurie of french Writer, in his Book where he compared y. medecine of Soippocrates is. y. of Boerhave I ther modern Writers of Cominence, should give him wach a prodisique great Character and exalt him above all others. Even Goon lather his Best Erasissisaties & Forophilus, his Followers, differed from him, and a Prost of his Dogmatism is Scrapions exclaiming against him. His Fame would have been of thorter

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Suration, had not galen been at if hains to explain many of papeages, and regard him always as a Proligy Whe now return to give an second of Dogmalism, which continued in Sippocrater's Fabrily Ofor some in y Cerso, of his Sono Thepalus & Draco, and his don in Law Polybius of former hos we know very lette figo latter some Whiting, viderable Fame. Prayagorar was if last of y. Avelesiadi and a Man of great Fame. The advantage of Dogmation Serophilas & Grasiostratus difereted Bodies & cultivated Inalon both were Men of Genius & Vagacity, and put is dogmatich Oyolem on I better forting, that over it had been. They were Catations of dogmatifing in most bases, and applied it only in organic affections or Diseases of ig. Solide, where is it has before heen applied chiefly in Diseases of & Fluids, they also paid regard to observation & Expresience, Erasi : Whatus was lafraid of employing many Remedies; the The enquired more particularly into y. Relion of Medo and thereby furnished the Hill for establishing Empirician, he sultipated an along is great your wity. This brief was y. Age of Thilosophy and Taste especially howards y ind, when Herophilus & Brastisfratus bid fair to fut Ilymation on a lavling footing; but this was soon interrupted by y. Impiones. Here I observe that there must always have been Umpiries, or Inen who doated their Ignorance under if specious theme of Compiriem. But this was not if. base with if prest Set of Imprinces, who

deci was too Ser Jar wou y. 1 for for then loan wh he ble for for the long was a vare Guide, and Hursfore rejected Theory. There are generally too Cowons helds for if founders of it, Philliness of box, and Jorapion of alexandria. Each might have a Share, the they had dell Instiver. We whall endeasout to trace them: We have lobserved Sabore that Herophilas was sparing of his Theorys, and this would probably the if base is. Philipus, who orights perhaps carry y matter will farther in rejecting of Theorye; but then we bannet suppose is he should forwahe hit Matter all at once and desir for any anatomical Enquiries, which his master had more particularly studied; it is probable therefore Terapion was if. founder of it. It lived in laypt who have always had a great. Morsion and horror to South did Bodies; we may easily conceine then in what dight they must look on an unatomiced; it was therefore probably policy in Lorapion to rejec Inatomy, which is indispensably connected is. Dogoha biom. But he dito not entirely finish if. Plan, this was done by Cloding, who likewish farm ished if Rame to is Seed. The following was if Can of their System, w. convisted of 3 parts: Obserbation, Distory and Analogy when found that one man could not to make sufficient observations to practise property they were therefore to collect all y. There a vione of different Versons and compose a History; but as this required a long time they proposed to reason by analogy, Francitus a Simile as they termed it, rentill they could do without it

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This Plan of their is specious, but I shall not now consider mideline in if. 3 Orios, or during Compinion) It will seem strange that we have nothing at all to vay of them: they neither checked Jogmation, nor did they make any Improvements in smedecine or had greater Jucufd than if Dogmalists; we have never heard of their boasts History of Houvalion; if they had wrote any wuch Thing it would certainly have been delivered to Costerity. Ampiries however have always subsisted, and Empiricion has always afforded a Belluge to Julineto, Enall and Lazineto. under which they took shelter, never imagining that to shedy even Empiridism properly, it requires as great a Genius as Dogmation. The Dogmatice still subsisted during this Worist, but in small Sects taking their hame for different Leaders: as Hippocrates, brasidratus, Bragagoras, Harofliles Sto Juior At Price & Propule of the methodic chel this both its Rise amongol if Romano. We whall consider in A few Words y. Risd and Progress of Physich in Clone for its first beginning. From began for ag. most obscure and mean State, and was at if beginning engages in continual Warry neglecting all Juinces, nor could it be expected that Juinces would thrive in such a State. They vays medicine was not practiced at Prome for 600 years after its foundation and balo if Consor prescribes Incantation for a fraction

for Green was but gnee was un fry after fire fine fine way were wall

Bone. But some lime before this, about 533 years after of four Palion of Home, the assupation Superstition had been intro, weed by if Priesto, who had Temples nearly. Tiber, as appears Im some Medals bransmitted down to us. Artagarchas a Grecian, came to Crome about 533 after its foundation; de was a great Judgeon, and was as first accided to great favour but lost it soon and was banished for y. bity, to all is other much Physicians, according to if Accounts given by vome; this was perhaps owing to if manual operations, for which all uncivilized Malione have a great Antipatity. It is probable they regains favour by degrees. The first grach Physician we aftenwards find mentioned was teclepiades, who came to Home, as many other greeks Dido, to make his fortune. be his appeared as a Phetor, and the well fitted for is Orebefolion, get he did not succeed; he then commenced Physi, can, for which some vay he was not all prepared; but his pompous Rame should induce us to believe of contrary. He recame a Dogmatist and formed y human Body to his own hancy and invented a preculiar danguage. He professed to way cito, tato & sucunda. He took care to give is patients no new pain by loading them so. Physich, but permitted them My Luxury they could wish for, allowed them Wine, gelie Valor Vo Le succesedo surprisingly by his specious manners Heading and easy Physich, and no Wonder, for we find them succeed leven at this Day . He was even believed to have

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Taised a Verson from if dead. He had contrived a vublile Theory, and imagined the Body was provided to . Porce of different Tizes and figures to let out particular Things. Themison suppressed it in part, as he perhaps saw if Julility of it, or had not of harts of asclipiades. He brought every thing to if dicelum or layurn, and therefore only considered The loves as either too large or too somall, and therefore either to be widends or made l'emalier. This Han was by way of eminence called if Method: They did not veril! Experience. The strictum & layum has been frequently employed since in Physich, and we whall perhape have an opperlunity to speak of it afterwards. This deel arose in if heigh of Au, quality becar, and was somewhat improved by Thefsalus, y. Prysician of horo. I shall now mention a few of ig. lefter Let, but without giving any particular decount of them, as their Doctrines had no Influence on midecine of it time Incumatic Seel founded by Athaneus . I mention this only for if such of Autales, who has given us if best Wistory of Diseases. Cellatic Sect. They declared agains I adhering to any particular Verson; if elegans of was of is sect, and every wise man ought to embrace their Wan.

has de lice Si an wal. his on ma whi down after he

Chisyntherice Sect. of this we have so few deets, that we scarce know any thing about them, their Plan seems to here been to combine of diffet Dogmatists, who often. deflered take in Jerms than Jones. We proceed now y. 5th Porioto, but before we give is. liculars concurring Galen, who was so long y Tyrant of Physick. It was a Verson of Meril, but his fame was sather owing to a Frain of accidents than peculiar meril. Allo if Father of Galen, was a Man of Wealth and Literature and gave him and Education formed of a general Man, which was very lucky for Galen; after y Study of Philosophy, he combined if of Physicky to he prosecuted under several Masters, by which he had if Advantage of hearing diff? Thinisms; to all this he joined Travelling. He was premiarly vollicitous to encread of Maleria thedica, and very culious in Inatomy. These postefoed of all y. Learning bequisite to make la Physicish, he repairs to y. Capital of y. World where he follo many Physicians, all engageds in acquiring practice by if what lasts, extolling themselves and running down their Mivals; it was his fate not to succeed, and therefore after staying there for 5 years he returned to his native Country He had however gained if favor of some Men of vecience and recommended himself to it Cationage of some of y. higher Class, probably also they would do furtice to his merity lafter his Departure

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But he was necalled by Antoninus & Lucius Verus, where he are, quined if greatest favor of ig. Emperor & if. Empreso Faustin. The has a great have of Learning and notwithstanding his great plactice flill continued his Rudyo, and happily for of publich, whote a great deal. He was wirulend against his Borrowies and vaily which the he might have some reason for it from of former Behaviour yell vulled his Reputation. This contributed to supporte all if Sects then exterbished. The empirie vect was before on if decline, but he ran down & in lively ruined the methodic Sech, whom he called thefealers Aford. Dogmate are easily transferred, he therefore embraced Those of Hippornates, and established them by his great Replications high Bank and great Authority, by which he supported all if other Secto; by & number and Quality of his writings, as he wrote more than any one before him and gave them such a Connection, as tol form a complete y hem of masecine. I was not surpriging if galen should make this universal Orognals. Systems are always prejudisalto Seience, as the Lagy find in them a hind of Common place Book without much Suby, and the en, heavourt of modest Jenius are checked by them. Parbarism soon after veighed over all y World, by which galens l'hy wich romained undisturbed for maky fenturies. Metalarius is as perfect a transcriber from Galen as Milasius_

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In this Interval of soman om piece in of West was over run and entirely ruined by y' Goths; and all of arts and Jeines, continued for some Sine. In if It bentury of if . Christian ara mahomet anove and overrun great part of if last, took and destroyed Mexandria, and do y. Jaracens or Make, metans were lequally Enemies to Literature is. y. Goths, they destroyed of Library Mexandria is at & time contained almost all y. Learning of y. Cast; by which Brysich was reduced to I lowed Elb about is mildele of is & the Cantery. Mahomet is said by some to Lavoured Medicine, but il does not seem he had any particular regard for it, at heart he lift no Traces of his favour. It was owing to y. Calife of y. have of y? Abalide that Physich regains some ground, so they bestowed Nome favor on Sciences, and recovered many of the gruch lathor is they had franclated into y sugaian & arebian Languages. They fell first on bristottes Works, and in conse, quente of that galen, whose Physick had much of wistotle interwoven is it, and was soon dispersed over if whole Mag hometan Confire. They tradians made few or no Wdiling, but what must have been made of Course. What new thing, They have convist chiefly in some new Diseases and in Consequence new Tremedies adapted to those Diseases They neglected anatomy from an Eversion for to louch dead Wobil, preculiar totally lastern Pations. The They had

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Inow ledge of Chemistry, they applied it so little to hedeine has verice to deverve mentioning. They made some from mento in ourgay, which must always happen int manust Exercises. I The Trabians brought Learning again to Europe They sall over into fain, where they established Schools, Im whence Literature was spread out over Gurope. This was at it ind of y. It & beginning of 12 the Century, at This Times Universities began to be founded of which that at Jalone was y first, where y Schola falernilana was published and by it we made judge of g. State of Learning at y. line, and y. Works of bonston line, who was a Profesor there, will likewise give us an Dea of it. Montfullier & Paris were founded sometime after. Sill of end of y. 15th Century, hidecine was entirely laught on is gaterical Plan: they knew little of Siphocrates or even if original of gaten, but commented on Century, when a conviderable Reformation happines, which was frepored by if following particulars: Carly in ig. 15th Century a Tack has prevailed for y fine arts, but this was loved considerable or spread universally untill 1453, when Constant inopile was taken by y. Julks; which occasioned all y. min of Learning to come to y. West, who brought is them de y. Learning of y. Incients. Cople read and admined I ancient greeks, and bowards if and of if fentury greek became a fashionable Mady! Printing Leing Discovered in

the life of the semi in their ages for line problems his an so.

1460 contributed much to increase Learning and advance if. Lecences. The civil Policy of Europe Mikewise Josh a wiff hum in Genry y. Little y civil Wars of England ended. The diff Prosinces of France were united by y. Merriege Louis 11 th with lane of Britany. The Chingsom of Louis 11 th with lane of Britany. The Chingsom of heir was united under one Ochon. Columbia had discovered merica and a Sapage had been found to if. Gast findies by of Cape of good Home. There afairs must cortainly have some feets on if minds of men, and enlarge their blew. is of greeks began to be better known, if brabians loft in Preputation, but not before great Disputes had long Sun tarries on. But if. Juntes had scarce friumphis over their asonswies, when Doysich they were again violently agitated by if apprenaute of Particulous, who was if occa, compachended under Beid 6th Chemistry had been little employed in Physich; it was en, lively in y. Hands of Quacks and Alchemisto who improved it a little. The Luce venues which had then appear, red in Europe yielded only to mercury, and y. Virtues of In Simony had been needly discovered, when Paracelous made his Cappearance. Selwas bred under chemical Profesory, on an empirice Plan, ando bravelier afterwards is an Intention to encrease his Anowledge, by which he Discovered powerful

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Remedies, adapted to Diseases, which al y line did not wild to their common prescriptions. Dis fame encreased in such a manner y he was called to & Onofefoors Chair al Basil. He run down and abused if ancients conflantly. A was if. Author of a new lest, that exploded i Doctrines of Galen and introduced a quite different Tyolem of Physich. The Chemists were disunited for a whole Gentury after Paracelsus Sime, and were generally illiberate & then of moun parts had much confidence in podrume & astrology. This was if. Can of all except Van Silmont, who was a man of parts & Leaving . Their practice was likewin of little Value, and y. Tworst hind of Empiricism. In Helmond came nather Too late to be called the explodeto of is gallerical Physick; for at his Time had already onet in Imanly severe Sholler. Be, Vengenius a large hab revived and tombical Differctions, Vesa, his head on his huls, and he was soon followed by his Disciple Cuplachius; by the Discoveries then made, a severe Noch was given to by. System of Galen; but you over throw of it was chiefly owing to Anotother Mil osophy being explosed, on which Malente yestems was founded. Galiles & Bacon do is way in Philosophy, Gafoendi land Defartes gave y finishing troke to it The Hall of Galens Systems was 4. natheral Consequence of ig. Fall of aristotles Philosophy Tunelius and of fishmatic and relactic Sinnerties lived

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Oriod 7th The Discovery of of Girculation & thoracie Quel, gave y finishing Arohe to Galon! A liberal Enquiry Legan to how lable placed in shad of a service attachment to one person. The Broyal volicity began at this time to have their meetings, and took for Their Motto Mullius in Verba, which was then y universal Motto. The Progress of Philosophy, is is connected to wery Veience, under quille, Bacon, Futher marseille, Gassends, Des Cartes & Boyle, opende y. Gyes of Men. huston was if Leaber in Mathematics, Royle in Chemistry. Physich improved by y. diff. Systems, Gafsendi and De farter Lyndems were Soft favourable to Themistry, the former took into his function by still acid & Menti, y. latter added Lenter some Muchanies and Physiology. The Circulation however had not yet made any meal Progreso. mathematics began to be imployed in medecine, and first by Borelli, who wrote an ingeneous Book, but was no Physician; bil his Disciple Belline employed it both in Physiology & Practice. The mechanical Physicians were always declared Friends to Experience and Observation; it is this that renders if Theory's of y present Age innocuous; a proof of which is Tydenham, who pracy liged in great success without runking into any parkilar Theorys. He was offrond by Willis, morton Isister, who depreciated his Practice, but his Works were greatly

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by Vilearne & Bour have, both mechanical Physicians. The muchanical System however is greatly insufficient for a perfect your of marine. The michanist rejected themistry Amost entirely. At the Time if groat Bourhave appealed; he was of he del; but look what he thought proper from each, und y. Test he rejecteds. He look if . Hollrine of Obstructions & Ledor from Bellini; y. Acid and Meali from y. Themists & Methora from Galen, and happily combined y whole & provide a most excellent bedatie. Perfection however is not is Lot of man, this appears in Boerhave, for he entirely left out of ventient Principle. This was first introduced by Path, the it had hun mentioned by Mato, Dolour and none particularly by lospfer? The cystem of Fahl gives a pary tildes explanation of is ameratia; but they omitted all anatomy mathematical Reaconing . In consequence of y . Autocratia they always had a fuble practice, but excell in it Historys of their Distases. They were attentive to y. newour John, in consequence of y. Opinions they had adopted offy. Soul! but so extravagant in this Theories, as to be followed by few. Paylisi had a theoretical Genius, but was sty tame time Lystem was well understood, and they ore was afterwards

The Secretary of the Secretary All les 1 Sold Sign ha Committee of the second second second ce No 10 a the state of the many and an arrange of the transfer of the co the state of the same of the s no The state of the s evil of ro and the house of the state of the same hav fing Con Ge mo Ide

Soffman carried of Matter farther and whilit of Nerves parlieu-Masters Deficiency in this Respect, have made amendo for it, by prosecuting is onlyied to great Attention. Then are Vanswieren, Show Bookave, Gaubicis, but above all other Haller has occasioned the greatest Enquiries to be made into This matter, by his Book De Prielabilitates - Morg. human frame consists of a chimical misture, hydraulie Machine and nervous System, our present yother of medicine veems to be complish, as is built on if bring ciples of thon diff! Systems, and is now on a dogmatical plan, but the greates! regard is paid to Experience and Observation _ I shall now add a few Words on if Writers that may be consulted for y. Theory of moderine. If i Ansiento we have none remaining, willil y roman authors, except Sipporates or y. Works generally advibuted to him, but some of them appear widenty to have been wrote later than of Times of Sippocates. From these therefore we cannot judge what if Theory might have been at different times! He Comperies left has no Win, fings at all of y. Dogmatists none remain but lutaus, who wontains many fine things. If if Methodie led with have Colius Aurthanus, it is a very valuable Book as il contains more practice then any other of is drients; but he gives as no Idea of y. me thodie Sely io. we have best in Prosper Alliene. The

be be me and She Was ma . bes. *

Hature of i methodic dysten has generally been mistaken by 4. Moderno. Galen Contains in his System many particulars of our indern Systems, when deisute therefore I permits it may be worth while to look into him. If all those that have com, mented or work in y. galenical Manner, Sinnerlus will verve bef. Besides him you may consult Cavalhinus, Fracastorius, Septalia, Micolaus Pioo, and Priverius who contains if whole of what Sennertus and other have said. Cornelius & Malores are worth reading, as they recede in many things from the common spinions of those Simes, and were then of original genius. If i chemical Sect, I knows not one if I would recommend o your perusal, as I have not patience myself to nead any of them, but invalle y. Encyclopedia of Dolaws, who finds we if Sychem of Van Helmont & Paracelous on any particular Disease. The Cartesian System appeared fired in Hinricus Prejus, but is more fully explained in Blancard & Walt schooled especially ig former. We have Systems variously mixeds of y. Carlinan and chemical, in those of Willis, yevins, V Ermeller; and the this sheries are foreahen, yet they were men of great practice, and good kings may therefore The got out of them. It present we have whill the Typens who aining: Stables, Affinans and Boerhaves. Stable has many followers who all gave us his childen, but we find it best explained by Sunchery who is y compleated Writer on it of them that if Syffem itself we have beff explained in Table Theoria medica vera, which contains excellent, but

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my abstrue Matter. Stahle Books will give a Verson if habit I thinking as well as mathematical or playing at these. The tollowers of Stabl have all a bigothed affachment to their master and are very virulent in their adversaries; this is not of base is. Soffmany, who had some excellent Disciples as Traller, Jeh all wellof; but none of these have given us any harticular Toffen in hier blooks; this is best got from his own obluminous Works, which contain many good things. Boerhaves System is fully evolved in Van chocelens Commendaries. De forter has made a little Addition, but intous into all y. Subbellies of mathematical exactnesse, is. dehreiber has likewise done, we have therefore not loft much by y. Death of y. liter. The Sahlians are y. only one is at present form a Sect, much begolide to their marter and virulent agained there, is is not if have is toffmens or bocheves Brokhove had a number of vervile Dominers, but were there rucke from him, except Van Swillen who atheres close to his haplen Memarks on if State of Physich in y. several Saly In this Country of polite arts & Siences were filed restored, and in consequence Galen was if Person followed these whom they adorned to all if or wildion they were masters of Untill if middle of last Bastary Staly was is School for Physich, They then became Chemillo

fill of the state Proposition of the The state of the s as of

and soon adopted y. Carlisian System. Since of lime they have been once hanical Phy bicians, but win then 30 years Browhave is much admired by them_ The French have if Mirit of first exciting if. Study of Hippscrates, but at is same Time became Galeniste, and continued so very obstinately. They had Chemistry suppressed by publich buthority, is ough! never to interhose in matters of Prysich. But barlisius gained easy admittance and con, Sinted for i last bentury. In is present age they were more Inchanical, and within then 30 years fanalically fond of Bookave. Jaurages has indersoured in his dyolem to com, line is muchanical & Sahlian, is. I hink incompatible. The Baylivian System appeared very well early in France especially in Frequet. In Germany the chimical Sect. prevailed early & entirely untilly. Times of Foffman Vahl, and in both of their Systems Chemistry insinualed itself very much. The mechanical hystern never made great progres. Seisler and Ludwig adopted it, y. latter has added toil Wilabilety & Tophor. Van Swilen being at if Head of medicine at Viena, Roeshaves System frevails There England. There never was any regular School of Physich his y bankry. And as y english generally incline to think for themselves, there never was any regular appearance of a System amongst them but always a throng Bials to Conscricion. They were Galenisto untill

copie . The tarbier pourse my desidence in

& beginning of last fentury when Sir Theodore Meyern intro, Judedo Chem kolry . Harvey nor Glison followed no System Bennet was by Boerhave denominated of Geraclike Doctor but this apellation might be bestowed on many The mechanical System is at present most common and Boerhave prevails very generally. Morgagni, Sinar, Saller & Gringle never attached themselves to any Jet

20 but the and he had will he Lectures on g. Theory by Dr. Wom Culten

Physich has always been pursued on diff! Plans, and is even now practiced, or profifed to be practiced, on a particular Plan. I shall ender, courte propose a Plan to you, which you can follow if it meets to your Approbation - I take it for granteds if every Gentleman who comes This blase, is prepared for it is anatomy, Physiology and retural Philosophy - Whall now give some general Conclusions and my reasons for them. The Hady of Physich long revolve itself into hos Views. I What and how far it is proper to bex studieds. I Now if newful may be acquireds. The first Question, What it is if is to be learned under J. Name of Physich viseses from y. Defrensions between y. Emperies Dogmatisto, and has subsisted over since y hise of y dogmatic Seel, nor is yet determined; they often aligated but deways entered but very sufur fecially in if maker. An apotherary for Instance will have lil that nothing can be done would knowing if baun to of Disace and talks much of g. Valionale of his practice, another who thinks he knows bed and has had great Experience, calls all theory a pack of damned Konsender of you want to know if algumen to on lether Side, I you will find them elyantly vaid by felses de for in his preface des emperies, block is a more modern Writer, a thesis has likewise been printed lately at Lipocety on this dubject, but Bohnies of diproich is is only if I know who wrote de Experient in fallair. In order y you may judge you better of y. Mamer of studying Physich, I shall addice all y arguments of are or lan be build use of on either De, and compare them, by which you will know y. Value and defects of each

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Nature of y low Plans he emperie Clan convisto of 3 parts: Ofervation, Fistory & analogy, the two first had to simple Initations, but when they had not a previous Experiment they had brecowser to analogy. It is therefore unlain to call Emperies irrational and Dogmalitto only rational, for they Emperies coulds not proceed a the woul reasoning. But med operated in order to produce a Change - fig. boy, and how The Dogonalists in if base of every Disease distinguish it by youttome, The always enquire into g. baleses on which these externally infections State of it they form their Indications. This Enquiry revolves at last I knowing go Condition of is body in a sound Hate or Physiology, is. has therefore been considered as if proper Theory of medicine Objections agained if dos malich tan the longuments against it have generally bun drawn from the Impres, Sions of Physiology; you will cary consider than that these degulo will very sondantly; but they produce argumento agains Dogma, him much stronger than there; it is alledged if his very foundation is unsound; some for Imperfections, others from youry nature of Matter isself, which does not admit of bertainty. Here if Empe, ries have brought all g. Arguments y. can be made against peulation, Thought and human Meason. But I shall pass over then and montion only if bigto i can be brought immediately against Dogmatism, and this I shall do w. y. stricted exacting and fiverty The Human frame may be considered in different Views, then may however be distributed under I heads, under which we shall now consider it

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As a mixel, or matter posefoed of particular Qualities, and so far insiducto, y. Changes produced on them by his refood. the diff! hanges of this food into is several fluids, and the consideration of their ling fit to repair y. Waste of y. volids, which had us to y. Innowledge I'y Solids. This then is y chemical part of y . System of y animal Body. . As these fluids are contained in certain Defects and hept in continual molion. And so far the animal occonomy has something in common o. of Vegetable, wherefore they are both lealled organic Bodies: This com, Juhands y. Heart, asteries, Viens, Lymphalies, Lungo Valimentary fanal, and leads to y' application of hydrostaties, but explicitly hydraulies. and may therefore be called if hydraulic_ I Viewing it as an animale System, that has thought excited, and produces motion in consequence of is. Thoughty which has its Seat in if Merious System. It may therefore be considered as a hemical migh, hydraulic Machine and animated Syvlem! & whall now bring if arguments against, and find considered as a Chemical Might. This therefore depender on is State of Chemistry, which I must confift to be in a low State as a lience or fart of Wilosophy, and is mostly position on empire plan. He Dochin Qualities and bours one brought to very little. We have gone much lather in is. Philosophy and firmly exhablished Mudelion & repulsion hos pairmany Qualities of habure; but we know very little get of g. uplesalish of them. I think we begin to view on what facese Maction defrends but as to checlive altraction we are quite inorant. Woul regulsion or if power of fire we are to this day lispuling, and are not yet agreed whether it be common to tall wist I fine det of bopher are if result of our Enquiries_

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But i animal mist have its peculiar Justities that render it more Hicell than any other parts of Malure. The constituent Qualities of I rainal Intestan will we known to me. Inimal Blood is is. respect to Chemiolog vai Generies, and our lat has not yet been able imitate any part Stil ftis not yet known & purhaps never Will Formentation is peculiar and to is vegetable & animal from thingsome, it is his is gives a differente to is different assimal laborers. But fumbaldion is still a mystery of Mature, and until the is understood y. animal System will remain unknown. Ino. the difficulty y occurs is y operation of hature called Secretion I've could take if dear of it from is Separation made by a Sieve we might hope forme come Checkdalion, but there it womething peculiar in it of hides its effects from us. From y whole then of this Consideration, if theory built on Chemistry much be imperfect Sydraulies. Mathematics give as great Pertainty as human ! Prysich we find it fall whort of our Expectations, It is difficult the find of application of makematics to misto, and general principles have not yet been established for if application of mathematics to is animal oconomy. Many have indeavoured to calculate if force of is heart, but some of them agree in their faller, lations. There is even to this Day nothing determined is rigard to Vievulsion or Derivation; thehofor our mechanil yotem, as if. principles are fill disputedes slands on tottering foundation. But supposing they were ascertained, if data needbory for if application this leader me to observe it in an atomy our Seince triumpho; had is even here very imperfect, not withofanding if decuracy of g. Inatomists. If gives y großen parte very well; but if minuter

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and more sublile are still undetermined ey. The organs of Secretion, we w Vefole which are in i bulk like many others in i body, we know for is carried on, nor do we comprehend y manner and how far mucho is . I other functions of y body. Jor is broans of motion Inalomy is wat atitily defective; we see if Contractions performed but Instance of g. Asucluse of animal Tibres Lailly Johall Mow we obtain beautiful & nationalying Theorems; but how for have we gained in applying them to y functiones of is body, when there we not two momento is vame. Who has recourse to Bellinio belevelations about Bloodletting made 80 years ago, when he is to I desimated System. The first Consideration arises here from y. Disputes of il Stabliand other Systematics. Whether it is a retional voil y presides over y functions of y body and raises I Dinaser in order to free horself from something worde. The Statilien towwer allow themselves of the may some times be wrong in if. Means who takes to accomplish this. Gaubius ballanced if Matter in wich a Mamer y. you can vearer know whether he is Sallian not If y. Italian theory were to take place of dog malism would exploded at once, for then we could not reason on any thing if. appens in is body, But suffacing we reject this, we must still low a dentient part principle, but as we are entirely ignorant of parts acting on one another, we must allow only if. facts would requiring into is faure; and no where are greater difficulties to be met with, than in drawing Theories from him facts.

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Proenamena are so varying, if we cannot comfarehend them under my one System. We might expect some afoistance in understanding is Organs; but no where is is difficulty greater and here anatomy has failed us; we know if progress of a nerve, but we do not know to State either at its Origin or Termination. We can ver is expan, ion of is oplie herve but can't comprehend why it is more dispos, to be J. if auditory herve; but we are more particularly igno, and by what means of bommunication of motions is perfor, Wither how bun disputes on is existence of in animal fluido, not allowing of animal fluids there are disputes again on of that them here are difficulties in every part of every bymas of every dog matich System, in one perhaps more, in ano, for Up. The Dogmatical plan is then fundamentally wrong, no many of y particulars are liable likely to remain subject to difficulties beyond if reach of human understanding and hature. The dogmatich plan is sendered will more difficult by y. Comment I'v. different functions is one another, by which they go in a instant circle. The brain depends for its Subsistence on f. Heart; Year Leveld not subsist without if Brain, Thus Digestion and reculion depend not on is chemical, hydraulic or nervous part 19. Justem simply; but all of the concur in performing those nd all other functions. And I we have found it improfsible to oplain them when taken divinctly; how much more difficult must be their Consideration and explanation when Jaken egether

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The functions are ig. Vilal, natural, animal. The first are ig. primary and more executial to Life, without which it cannot subsist if last space of time. The natural functions are conducive to Life as 13. Will depend on them, for if we weren of to eat, drink, when to I Wild functions mod soon cease; and with requel to both, if we to are not continually in motion, i.e exercise if animal penetion with it other cannot subvise long. This Consideration involves us in 4. same difficulties as if. Jorner, as if. mutual dependance is equally strong here, and in border to understand if whole it is ne, laties and uncertainties of human reason is hible to, the uncertainties of is very plan and is number of weak heads, we need not wonder that there are, and there much be, many Errors. There are force sequences of dogmatism if are almost unavoidable and yet penni clous: 1st It hads to System; which induces then always to act & verson in is vame Frain. I think System is needsay in all keeching, for to facilitate of mornlory; but as no If ohem can be perfect, it is not adapted to human Malure. The more harticulars a System comprehends, is more liable is it to fallacias and the most ground the gains, if more punicious it is to man, hind . If this Galen serves for example; Boerhave has likewise had his versile followers for these AD years, and had he lived at Dogmation occasions double for it is only people incapable of reasoning is do not doubt; but here it is ganerally carried too far, and a Systematic is for is most part a limit practi910 y. flo na con 03 age do The ver Tes p bu, into sugar has when and the same to be a first of the same to Just De Vel. has expected to the total of the state of th

lines, and afraid of giving her? that may do hund, and therefore only given thou that she inent; by which the is sure he has not helled patient, and he dies he undum arlow I shall neglision I Empinie Blen io. if Eyes of a Dog marish I might here em, log is common arguments of Sechlesism; ig. Sceplie will hatstain is nothing in Jehar or expurience is infallible; for all reportence is liable to fallary, and accuracy to y, varied Quality I human Malure. Suppose even y. Egepto to be true, yet we are constantly liable to fallacys in repeating and imitating them. But this is not our business in this Place; we are to object against is particular Plan of Comparision, i.e. Observation, His Mary and analogy. The hos first are y principal parts of y. plan the Lader veryer to dogmatism _ 1 then It is very very difficult to make such Observations as finitation require of we must enquire into all y procedents, horiditary taint, uman hable accidents of Life, lenor and manner of Life, the previous fondition of body and oning, & immediately exciting faux; then we are to alberd to y. present fireumolances, of but we almost study every thing without him, e.g. is whole bure of heavenly bodies, in order to know what Influence Weather to had; we only then allend to all is ingesta & gesta, motions of body + mind, then a particular abention to is Event and if in but jegamine if appearance of is body; but this we are reldom permitted. But it is not only ig. number of partig

as aldread the preparation reaching the lowers Ber Gir in the In an ever or habed melange them to not in hardle fill diff Was a ma Vec m where the statement were a solution that the 100 Land Sand Sand all all all and the bus An. WI Vos no, is . VC a

be culars, but if. difficulty of coming at if knowledge of is prece, unt, that we have to encounter with. But even of is present bacumstances, how many do we mile observing; he many pals is if patients mind, whe we cannot know; how many gesta, & thin Capsies of nurses, i. they do not acquaint us with. The Africulties are so great, that I believe there is not one perfect. Iservation. But it may be argued that many of is accidentals may be omitted, granted, but how are to know which of is he Cidentals are lead necessary to know; it requires a sagacious man, of is greatest Experience to Anow separate is exentials from is accidentals. Observation however is still very necessary but then it can never take as simple finishedion, but rather as Analogy, which is at once deserting is empirice plan. But Wervasion is also liable to is fallacy of is Jense eng the Vision of a Patient, but scarce two will observe it in is same manner We have had knowneters for 150 Spars, and is even doubtful whether one faithful Eight has been made. De Dachn how made some of late, but they are questioned. Langrish's Explo are not worth one farthing. What is frequency of pulse; what is a hard and woff, a full, a low Tulie . We country . I troker; but scarce dry two will agree about if thate of if hulse, or convey a propor a value of it to another

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2. History . Every difficulty, Inaccuracy and mistake in Observation must enter into History; these are much encreased when we consi, de what difficulty there is in communicating Valear. Many Lyng Home occur for cannot be described; many apprehensione of fant be defined; but varproving they could be described, get there is with Measure and degrees as cannot be described; it is very Afficult for any Man to describe of feelings of another; and Sient himself, and will also be enabled to judge from his Separious of geoleres. History, however little regard may be bit, is yet greatly affected by if Insuficiently of Language; how few Mon are Marters of their native Jonque, and how much more must they be insufficient in forcism Languiga. But it is not only fallacious from y. Jourses already onensioned, but is also hable to great fallacy from Biafo & prijudice. Soul we often either from Aversion Sesire, Love and Katrido see Things in a very thereal ight from what they really are. A man pabouse a particular heory, and herefore hereno and views fathe from every vide will be maker them square with his theory. He sees every hing in fales Coloure, like a Man in if Saundice, who think very thing yellow. This has been objected to Dog malisto but if hold equally good is. of Empiries. If we should believe Il is has been loved of bases performed by such Remedies, we should have certain lunes for every Desease But on is con any we find that Ined so highly commended formerly

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leve wither lost their Vilues or never had any. The fallacia lausa las baufor is as common to. if Emplices as Dogmation But I it from direct fraud and Importunales, f. Physich suffers; this I would hope defrends generally on if patient flow and a german Objection recorded that a Woman vomited up to frilly little living Whelps; and it not a great while since Woman brought forth mabbito in England, and was deli, and of him by a Man midwife. These however are too grofe and palpable; but there are others where we never distinguish I real from is feigned, or never come to is knowledge of I real Disease, by if Padiento hiding from us what he thinks was occasioned by himself. Besides there is some distinguishing often areal diseased from an Imposture, and wen so long ago as Calens Time this veems to have been I base, for he wrote a heatise on this Subject Pout hypicians have also indulged of humour of dying; lo, Ishum Mongero especially, these however we suspect; for I Canity of supporting or offering any particular opinion the Vanity of writing a Book and of puffing. There is one pecies of fraud of which a Man is perhaps no long conscibuo e. g. A man in his Movel will write I bion many things which he forgot to observe at if patiento Bed lide, by which he often commits great midates, and wore il frend Salysie has some reason for his vaying rand Observa leur, grand men leur There have blen more false theternations than false Theories; but even

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wher if whole with its Imperfections, we generally are at a It for similar lases; in 30 years practice I have not put io . 3 Pases exactly similar to y Cases of my Catient clearce a fourth of ig. Observations extant will apply; they on without not well describedo, or vaid to be cured by Rembies, now proved inert There is nothing so impotent as determining Quedione of fact in Emplericion, for 100 years there have from Displates which are not yet Determined; both parkies Merried to experience, if they are determined, both lides we generally found to be in of wrong, e.g. of Veruvian Work; many Sustions that subsisted in Salboto Time are Ail subsiding. The british Physicians vay y. Bark will un mortifications, affine & if french are as positive in unying. Therang Sublimate is found not to have if Victies Minight it has at thenna; Disputes about of Gicula between all is rest of Europe and Vienna; but we may allow come differences for diff! Plimates, but do not Physicians a of bed did of it hatient dispute about facts. With regard facts, I must relate one special one, by which Physicians and if faublish are mistles. This is of believ made by particular smedies and attested by innumerable Witnesses of sumings, are jour spion able Chadasters. Indances of this we have in : 8 oak, Jawater, Sallwater, Wards themedies, James's Cowder at we now find if we cannot do is vame fune is. them were formely vaid to be dont Upon it whole I allidge

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4. Empericesm, w. regard to Aistory & Observation is on ony indifferent foundation. But every Emperie has ne, varse to Unalogy except perhaps a Ward, who never exces on his for it Discher, but gives his Remedies, and let of. Vicaso de what it will, he is sure to cure its Syoutham ways had recourse to Inalogy General effects of Empericion on if practice and Hate Oh frich . I do this in this place as I think there Mets are owing to Sintery & There alion? 1. They have always been attached to Into of vensible & considerable Ofices ration, is is if Duly of way Physician, and theufore of. present un of Joy sono is well foundeds. It happens buchily for Emperies is a few fuew whatlish is fame of a Physician; and miscarriages are easily excused. But they so not only vatisfy if Publish, but also if. Physician, who then comes to trouble himself little about any further thervations, and therefore Emperie ism has led to if Mighest of theirvation and Mistory, This has led to how other Consequences: 1. They have omitted blood liting, Siel, Motion de, which require Dogmation. Both leto have had their Biafs prejudicial to Science. The oulgar have always had a great estern for Emperiches; weathy & Payuriant for Dogmation. 2. Consequence: by have often deveroyed is patient outright, and have not

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Muil of alling is palient die see andum artem. I shall there, the trust Palure and a Physician is moderates if he un do no good come must to speak of Inalogy, but her think all Controversy ends, for malogy is reasoning. Culdies complaines, when he speaks of an exidence Visiase if raged at Rome, y Unalogy is less employed of shall illes rate what I mean by Inalogy: There frequently met is Meurisys and almost as frequently found & blood letting was of use; if I was ion to meet is a Splanitis, is has never occurred to me in 30 years welice, Iwould here employ analogy; but supposing I med is 3 the palient who had is principal Symptoms, of is first disease Por in y dide and difficulty of breathing without frequency Vulse, I might to great harm by bloodetsing. HI met with Gadretio i.e. a pain in if. Tomach allended io liver, and Ihrew from Difsections of a topical Cain offever indicate an flammation, my undogy would be much more completed in a manner general. From this Iwould conclude is if John I'd ancient Emperies was very defective for not generalizing here facts, which we find in is decounts of delsew & alen they to not Sydenham y only Emperie in later Jimes confined limself almost entirely Analogy and paid no great agand to particular Observations, It is also to be observed y. Sydenham who many of his Principles from Sippornates and later Wiri, w. for Indance of Nature cure Diseases, and would un

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bubledly continued to have done so, had he lived to if prevent Time off will be obvious if by employing linalogy we may at length come to lave compliat by Stem of Dogmatism, will on y very Clan of y. Conferies. I vay for example y. Bleeding is good in all inflammatory di, water, therefore in a gastritio, but this is a Syllogion or Pressoning all our Dogonalism and Theory resolves into particular facts and duction _ Under a Bials to Dogmatism we form Sypothers. t which is an love of Logmatism, and when this is done, unlessit had to is generalizing of facts, it is very wrong. The analogy of Emperies and Reasoning of Logonalists are is vame; bula Biefo to Dogmatism is good and proper, and it is only by laying from general facts and there proceeding to particulars if we vocaed properly; and never has a general Rule been laid down but I has always been of some ust. Even Hypotherso have been employ to by freat Phillosophers (newson for this purpose, and are very while by directing us to pasticular Observations and Experiments. It then they ought not to enter our Reasonings, There have been some who made Experiments without any regard to general latte Muchenbrouch & Jos of Butin), but it is owing to the g The works no so little rend, and perhaps no Explo can wer be made properly unlife they send to establish some general Rules. Tathog, homer Sigho have been to this Day very imperfectly observed, however, we have got a Mosologia, but day imperfect, and this will undouble lead to observe & collect pathognomic ofinfilono is more accuracy. here have no general Rules been lais lown but have been hoswhire of some good e.g. Chemistry the it did not apply to it andmad sconomy, yet we have discovered onany fine facto

nor and Red. his then then find has find has

Saling to Digestion &6. On his account is hydraulie System has to thein of some use eng In Blood litting . Tyles endeavoured to de, constrate Resulsione and Derivations in bleeding by y. Laws of Adraulies, but it is by those very Laws is Tende has so harnedy + wated him . If Van Jweeten has placed yo Cause of fevers into impetum facions, and Soffman indravoured to explain of theile I'm by if newous dy stem, no body will doubt but it has bun of we in medicine. Treasoning is natural to man and he will ween in spile of any Resolutions made to y' contrary. I have rown some very Sliff Emperies who had Becourse frequently to Inalogy and sometimes to sublike analogy - It is only by whoming that we can discover false ceasoning - It is only win his Century of we have been took proceeded on a rational plan in collecting facts, and if we do not reap all is. Asvantages from him we would expect, they may verve Poskrity, while we are neased in agreeable and liberal Enquiries. Upon is whole then conclude of Moderine is to be studied on a dogmatic Otan hat is founded on is empirice , In order to this it is needsay y to collect facts and thoundsione i.e. y. Brewations & hadory of & Emperies; and the as fraid above they are frequely allacions, yet they are if only things if we can go whom The ificulties are also in some measure removed by knowing y. Sour whence they proceed, and these I enumerated above: I'm By constant alternat to generalize facts. Facts are to be collected com Matural History: chemical and mechanical Philosophy, by Outs, from it Chemistry of Animals, from discelions of

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uman and animal Bosies in a sound & morbid State; y. facts low anestor and our own being thes generalized will farnish with a compleat dysten of analogy In one of few Propositions of I would have you every along is you. Indogy is absolutely newspay in and empirice plan; this ought be conveally extended to obtain more general facts, and thus when ded is absolutely reasoning, and if carried a little fur then notitute Logmalism, analogy, Neasoning, Dogta alism, are all of. some , and are necessary in ig. Sudy of physich; and this con, dant endeavour to extend it has brought out and will always Jallacy to fe is. all of facts in our History are expend to heart to This rousoning is unavoidable to human Rature we should therefore ultivate it as much as possible. There are Reasons a priori; but we have them also a portision, as I told you yesterday; and if they have already bun of use what may we not uppert for of. Jutine From this Ihope you will be convinced is moreine ought to be sludged on a dogmatick plan, but at if same time I should take in every thing useful in if empire. It must I founded on those facts the last itself affords us, i.e. Shirtory Sain a Rosologia methodika Plater long ago etempetto this but without ducels, which made it neglected untill Jawages ook if up if Intrict again; since him severals have likewin wrote final Frestises on is Subject but without adding to it

NO In. na era Via Vis Vis Samuel and the same where I will see the same of the s lac in and the land of the land and the last the last the lie. g. ch wi 200 ge.

subicis in y pert of his bathology that treats de morbis ordinentis be not despair of its being one time or other brought to perfection Ind I think we may soone arrive it by sludging proximate weres, as it is now well known if if same proposinate facese the produces different lymptoms of then we are to this proving nate lauses Dogmation will be in its full force. And here must observe if notwith standing all if beginnents & brought gainel Formalism when I well of an empirie, it Will remains in its full force. and I must here observe also, or dow any body doubt it, if. analomy has led to many great Viscovolies in anatorny midecine, Instances of this are Mor pagai and other ingenious men; for unless a man is properly acqueinted is analony and Physiology he will never make nest Progress in Pathology. But remote Jaunes have always on allinded to by Empreies, and will any person vay that Morowledge of & Qualities of it. Mir, physical Geography, of hence at philosophy of fermentation are of no less. Robory will dery that a proper abention of, and knowledge of these will intribute much to y' live of Discous. Here then frest of. uner at fonction in favor of adogmatich plans and now rie, by vician is to be acquired. An we to proceed in it old Way by forming a Rosologia methodica, or are we to proceed & projemente autes. Here I think we much dontinue in if hynthetice rumer and leach from general facts as always has bun the

ese of for Bu la ad. afe 3 ac (Jag oh ma Sui whe The Va la 0% 1 a we I cannot help observing here y notwith slanding all of. perience Compinies speak of, we are still indebted to if. Dogma, to for all is good in Preside. Here then I pronounce of ise stitutes must be laught on a general or Dogonatich plan. But what becomes of all if Officion formerly made agained Lag maticle . These may be avoided partly by knowing y. laces of them, and you will reflect that those objection were ede agained a Dogmatich offen only, and fleach fylle, dically morely to keep an order, and no one, must expect that indend to give a perfect offerm. The Conclusion made ains I y. dog matich bystem from all y parts running in Cively, and that an adequate knowledge of each particular is repay in order to know if whole, may be made against every your and Science. Think we may will proceed to feach as lown the Theory of Physich & y. in a systematical Way Plan for y. While of moderine. This nevolves itself into hoo parts: of Preparation mer pay for beginning if Audy; 2. The Judy that. nder if first Head are requisite : Patural Qualificatione or Jenies suited to the profession will man of good parts, sound Judgment and Sudious Disposition; I. The common foundations of Literature. here is no Secure to be harned in any single one of is european Languages, the qualit part indhed it worte in if latin. The grack to necessary chiefly for if. Sake of is ancient diterature in that Vongue; a Tenoroledge of modern Languager. It is difficult. to vay how for this is to excland. The french is in particular necessary, do if rench and even the Mations write their

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unois and Bosho in y Language; nor will y Indent lon his abours if he acquires y. Italian and french german. General Genathere as asie and melaphy dies; this is proper and necessary my to every part of Jeience; but they are commonly taken too early in dife . Study of Brilicism and morale. If Bourhave was not a letter Physician for having before who ide twinity, he certainly was a more tornate one. But it is especially necessary to apply to is. Audy of natural Inowledge in general; for this Makematics are necessary. Chemistry was till lately only laught in if Thools of Physick, but it ought to be whiled on a general plan, and to be upon deal to is particular Study of chemical lits; in doing this is Sudent will natherally be led to is Sudy of Mational Sti, Slong. Bolary has always been convidend as a Branch of they, Sich and may be steldied at any time. Toology at is line when he studies analony. Mineralogy is founded on Chemistry. the Midy of natural History leads particularly to the the the neg! Ith is Analony, which in cludes ig human and The animal Bodies . This is parlicularly a Work of memory; but it is easier relained if if it be wirmed cately applied to y. Usus Carling or Physiology. Then an properly if pullminary Ludies, we now come more immediately to y. Judy itself this is comprehended under if Institutes and practice of

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GenHemen The art to preserve health, to care diseases to forstong life, has ever been considered of the thest importance. It has therefore been most justy. Swoeds that no study can be more interesting to the minds of man, no knowledge more necessary her the science of medicine. If the goods most desireable in life, health hath ever claimed the first the most distinguished place. It is the soul that ani, mater all informents of life, which fade of are tastely's without it. I man starves at the beart the greatest tables; is poor of writcheds in the midshof the greatest treasures ofortunes; with common discused strength grows deerspieds, youth loses all vigour beauty all charms of palaces are prisons; riches are welefs, honour & attendance are cumbersome of couns himselves are a burden; but if diseases are painful no violent they equal all conditions of life, make to difference between a Prince of a begger, and a fit of he stone or the colie puts a hing to is rach of muches im as miserable as he can do the meanest, the word of most evininal of his Juliets. A Sience

ther be eve Sur Don the are seles free for age has the va threfore which taught the methods by which health coulds be maintained, our body guarded against diseases, & were restored to health when affected with disorders, hath wer claimed a most respectful distinction of we are not surpriged that in the first & ruder agos of manhind, Osculapiers the supposed Inventor of Medicine was forward with Statues, esterned the For of Wolls A worshipped as a god. To individual however can claim the honour of being the founder of this Science; we In rather to conclude that medicine from very sender of almost imperceptible beginnings was by the successive labours of ages brought to the degree I herfection in which we now finds it, I as the subject is of importance we shall brace it origin for as it relates immediately to our present perpose It is highly probable that in the first ages of the world men would be ensioned to discover means by which they could guardo against themselves egainst the diseases to which they must unevoidably have been exposed even in those times. This leids he first foundation of the materia medien which that branch of Medicine which treats imediately The remedies that are employed for the present vation of health of cure of diseases. This knowledge

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meet however have been confined within narrow limits in the first ages of Physich, for in those days Decident Instenct of promiseuous experiment must have been the principal means by which they arrived at the knowledge of remedies. By accident is meant the discovery of medecines undesignedly made, in & same manner, for instance as what Geoffroy relates of the Mebo ated herewien both. " That a number of Trees bing blown down into an adjacent lake, gave such bitter Tineture to the water that no person would we it or any cattle drink it: at length an indian would with severe thirst in an intermittent fever. eagerly took two or three large draughts, which were his distimper of gave such repute to the waters that by were som exhausted; but when the Laker filled the next rains, was found without its bitterness I virtues, it was naturally concluded they both crose from the true that had been formerly blown its it 1 & further experience soon confirmed of truth. has eve are indetted to accident for one of the most Sieaciones remedies in the Matiria Medica. whout which the world would probably here remained ignorant to this day of its greet virtues & use. heri, deal has likewise been the means of introducing many The factor for full service for the service fo

the excellent remedies into Medicine, By indinch is much that discretion which in different degrees is differed through all animals directing them to cheese what is goods of to avoid whatever is will or destructive to Him. This faculty is probled by men in a Digree for superior to the rest of the animal creation We see children of girls who abounds with an acid in the Tomach eager for wheth, when & other matters that will correct of absorb is acid; of a herson labouring under a hutrid disease can secree bear the sight of flesh and The hutrescent matters but is desirous of acids of such substances as have a lendency to correct the putrescent disease. By promiseurus experiment we mean remedies founds out by indiscremenate tryals neither pointed out by reason, judgment or instinct Medicine however, like all other Sciences was greatly improved by if grates with whom the custom prevailed of exprosing the viel in the market place of on is highway to give humane pufrengers on opportunity of examining of reliving the disorder of the fatient recovered it was his indispens wible duty to rang up a tiblet in the temples of apollo A Asculapius, in honour of these Deities who presided our Physich. On this tablet was wrote on account of the disease, with the remedy which performed is cure. By these means the number of remedies was soon encresed beyond all conception of the composition of various

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substances became boundless. This could induce scarce be wordeds at first, while experience was defective, & is provent I medicine not exactly known. I was then natural to occumulates ingredients of similar virtues, while it was concertain which deserved the preference. This bractice much however always be attended with two great wadvantages: for without a most perticular care, discordent ingredients, that will obstruct each others operation, must often be combined together of the most powerful material much have its dose so diminished as to under the whole medicine les eficacions. This was cars udo to the highest except by framing antidotes, to be proviously administred with a view of defending yains any poison whatever that should afterwards be taken into the body. This gave vise to the enormous compositions of in Thereace of Mithridates, compositions that have done an infinity of mischief. Whilst these unnecesurable compositions were in such high repute due estern for simplicity could never prevail; thus the further progress of this Science was greatly checked, if not entirely prevented. The great emulation among writers, both greek of arabiano, consisted for many yes in displaying their dexterity to inlarge these tentations superfluities. and when the arabiens find brought the ancient asts & sceinces into the western parts of larope, the universal ignorance that then

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prevailed, had immerced men into the utmost deshi uls of superstition, with mind long practiced in resign is all treet, not only in their understanding but even in This senses. Under this basings of Spirit it was impossible for men to have any confidence in themselves any domation was the firthest from their thoughts; the only fort men of busy fancies could make towards fame, was by commenting of expatiating on the philosophie ystems, which had been contrived to give an air of wisdom, to what took rise from the imperfection of knowledge that continued through afeitation of indolena. When them istry were first introduced into Medicine I encreased instead of deminishing the wil. Janaceas a variety of ridiculous of afected compositions were the introduced Thysicians now divided themselves into two classes distinguished by the name of chemical of galenical. Both parker were engaged in violent controversies their stick submission however will continued. None was allowed to think for simself; but every one was implicitly to submit to the dietates of a master he had imposed on himself whe of the destructe in which all hurde had romained for near 1500 years began by degrees to be expedied, Thysicians the became very anxious to discover the remedies with which the ancients had conquered

XI is therefore not at all surprizing that the tractice the of Physich has bun at different times not only wayee ! & unustain, but wer prejudicial & manhinds & - fut it has justly been doubted whether medicine in had been productive of most advantage to men. Links. however a dibiral print of Enquiry has been introducing in this as well as the other lasts & Suinces, there in for now of the will attendant on them have been exploded, diff of the Tractice of Physich of modern times rets on the the delide of Sure basis of experimental knowledge. as it is my provence to deliver a course of Lectures on the Theny stractice of Physich, it cannot be improper to make some observations on the nature & object of such has a course; and so that part of your Studies for which a the the others are intended of which are only useful as to for are subservent to This.

in the most obstinate diseases. They then educted the History w & Timples from if writings of Dioscovides, Theophrastus other ancients. In this however they encountered almost in insuferable difficulties, greater indus then they were aware Lind- For in the first place the ancients had left such dusimperfect descriptions of the remedies which they employed sufor the cure of diseases, that it was frequently a very do, difficult task to ascertain the particular substance they hose of the western parts of Jurope. This has been for the source of form for for a considerable time. Many remedies were A thribated to the receints, with which there could not here hed been introduced into the practice of Physich. The erroneous & supervitations opinion which Physicians In farmerly entertained of the power of Planets influencing whin blents for the cure of particular diseases has likewise been he cheese of many medecines being introduced into Physich which had not the least little to preference from any real virtues they possess. These with other preficities were so strong as almost to banish all the remedies of considerable flicacy of for a length of time to prevent lany new diservices from being made or applyed & Is many of is writings on the materie Medica are chiefly compilations from i antients, who often introduced medecines from superstition of generally om a vitiated Theory), it would be highly abourd in us the continue paying that implicit deference to antiquity, which

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as prevailed too long. Nothing is a surer proof of ignorance In crowdeds compositions & Lord Bacon her very justy wish: That the great variety of Medicines was is spring Inorance But the many errors have arisen from roundlyte Theories, there are not fewer which have ereft to medicine from erroneous Afalse observations. This Thears very wident if we look into practical writers. In often do we finds histories & relations of weres being beformeds by substances which widenthe posses little or no virtues for very tate winters have been themselves deceived I are decessing there by imperfect or altogether groundless Simultions. I have too much chanty to suppose they can we any design to impose on manhindo to guardo wained errors of this hinds it is proper that wery subject should be considered under the A following heads: The knowledge of is substance which is employeds. The virtues of the medicine 3. The foundation of these virtues in their sensible qualities & chemical principles properties. In phormaceutical freedment, or is best method of Substances confloyed in Medicine are either Natural or wificial a knowledge of the former we learn from external ristory, of the letter we are instructed by Thermany) he I do heads, under which will be treated the virtues of Medicines in curing diseases, as it is the most essential, will

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yele our particular attention & take up the most cong derable part of our times. Here we shall in the first place juine into the general virtues of the subject of to what dications it is properly adapted: Secondly. What diseases I is particularly calculated to cure, under what circums tinces it may be administred of in what cases it is whooper. Under this head we shall necessarily take a wiew of the diseases incident to the human frame; distin with them by their characteristic symptomes; give such winhlions of them as will enable you to distinguish ne disease from another of point out the indications with require the remedies calculated for each disease, the principles on which the desired effect is produced. ab 3 dly it manner of operation of in what doses it will be supony to employ it to produce the intended efects. Under 3? head we Shall examine into if foundation of these tues in their sensible qualities of chemical properties. is is the only method with which I am acquainted by hich we har form any tolerable judy ment of is heal steer of medicinal substances. Hado Thysicians always in on their queod of never introduced a mideine but a there wational principles, our shops & prescriptions would rever have been crouded with such a number welfs of insignificant substances. They would never we ascribed virtues to medecines that are entirely the worse of whit they really posses the vingle instance

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will prove this . Before In Oringle published his experiments on entirepties, many of the substances which he proves to have e septie tendency, were generally believed to posts virtues I a very different nature of were for ages employed in diseased in which they must have been attended with very unfavourable effects. Calcareous carthe sabsorbents were generally used in Dysenteries of even continue by some to be administred in that disease, the they cannot ensuir any good purpose whatever, but must pregantly be productive of if word consequences by encreasing if. disposition to putrefaction which is prevalent in the constitution when labouring under that disease Under of 4th head we shall enquire into if phermen cubical treatment of the subject or the best method of preparing the various substances so as to answer the purposes of Medicing with the composition they enter into A y propriety of the combination From this general view of the subject we must conclude that this Desince is of is utmost importance to the Phyairing of that no Person can deserve the name of a rational practing himer who has not acquired a competent knowledge of the Materia Medica. It is the Criticion by which to dishinguish

the for the was as for the or his of the or his of

I real Physician from the ignorant Quach The latter will furible midecines & by chance cure diseases; but he is un, the to account for i. operation of if. Medicines he admini Fort; but a Serson who prescribes a Medicine of earnest unacquainted with its modus operandi, or is unable to wentern the feets it will produce on the human boy, is the considered as an ignorant Pretender to Pysich. Van Swilen says: It is scandalous for an Wificer the ignorant of the Instruments that belong to his and; of the a Polysician be perfectly sensible of & changes but must be made in the boy to restore health, yet if he be unacquainted with the means whereby this is the done, he cannot be of any service to the Patient.) Por is it sufficient that he should only here a superficial knowledge medecines, for unless he is sufficiently acquainted with this sistees Aqualities, he cannot but expose himself to viduale by abourd compositions, of instead of bringing ne bif will preguently adds to the distrite of his patient But the we who practise the healing art in this country have another powerful motive which perticularly interests us to become well arguerated with the virtues of menner of operation of medicinal substances of the how the foundation of these virtues.

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To we have the greatest reason believes if Nature has provided by country with remedies to care the diseases peculiar it I would be denying goodness to the supreme being doubt of it wer if we had not indubitable facts to howe it I could addie many Instances in confirmation of 1, a few however will be suficions for our present purpose. know that every country is provided with effectual whidotes against the poyson of to venomous animals. Indie where the haya is the most venomous surpent, hature has not only furnished if rad ophiorhiga, but also a animal generally called Schneumon & Mungov. This is ordenuely such ing for opportunities to engage of destroy the hopent; but on being wounded it is sure to find an efficacion us remedy in ig rad ophiorships which betwee has pointed rut to i. Mungos for its resource. This nost is also used by the nations on these occasions, of never fails of curing, the hite provided it be used in proper time. It is will known but the Seneta root of many The please, the produce of This country, are equely efficacious in curing is bite of the rattle snake. The venerceal disease was not known in surper before the discovery of america; it is a provailing ofin nion that this disease is the ofspring of amiries: it is even by many aparted that the indians can care it shudily & efectually without the use of mercary & y. the Lobolie & beanothers are the pleats they employ for this purpose. In

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but a few years since a remedy was discovered in y. outhern parts of america that is said to be in many wes superior to the bash, & scarce inferior in any; is porticularly useful in the patrid Fremittent fevers which rage in that country). When we consider that if. prewien back, the Speaceanne, the Salet, all is richer atural balsams with many other capital remedies are is. widow of america, we count but be of opinion that w own country much likewise posts puller treasured. have moreover well assured that is Indians who inhebit the northern parts of this continent are very expert in evering meny diseases incident to the climate. They can employ to remedies but such as hind hature has supplied them; they are ignorant of the more courty of astificial Imparations which if infencity of Man has compoun us for the purpose. It certainly merits if most serious tention of enquiry to learn in remedies with which they beform these cures. New remedies are daily discovered for care of the most obstincte disorders, A which formerly befled wery efort. Within these few years there have been added to ig. list of Medicine ig. Materia Medica, the Lufin he Columbs rook the flowers of Fina of very lately if Digitalis. unidies of superior virtue of efficacy. Then can be no doubt at the northern parts of america must aford many capital

which will be considerably shorter this year than med formerly; for as a new edition of Dobuller's materie we modiew is first published, it whill I trust with for be generally read & studiest, it would be superfluored A repeat what is so well expressed by him. My wer Lectures on the Matine Midica hin will may in the some measure be considered a formment on that un book, of this means sufficient time will be given to go through a regular of complect course of Lectures on the Practice of Prysich

The emerican Physicians that this virtues & properties in we not assentained of established on frue principles. It is to from the natives of the country that the virtues of medicines on the first obsained, Aby repeated observation their was is twowfer finally established This has been the origin of Thysich in . My country of it will be our own fault if we do not cong in whate greatly to the general stock; for nothing can be more I whain then that a country which abounds with an infinite umber & variety of Plants much produce many which Siverye for for the preservation of health of cure of diseases. may perhaps be the good fortune of some one among to be the means of introducing into practice a medy equally eficacious as the perceion back in the un of disease. It is at least the duty of way Physician attempt it & to improve the heling and to the whood the power; & a terson who whould add such a remedy our materies medices would do a more eminent service ten the founders of hospitals, and be entitled to a nost honourable distinction among the benefactors of menhind. After finishing our course on the Matiries Medies I shall inter on a course of Lutares on the Pratice of Physich: in this will be delivered the history of 3. disease; if occional budishesing & proximate cause pointed out; if various

Symptoms that occur be accounted for; from there a youth prograsis be formed, of from ig. inclinations of cure ig. The course will be concluded with some Lectures on the time diseases incident to children; of as there will be from to from Servations made on the diseases of children in week this country, I fletter myself they will neither be wish unacceptable or unprofilable to you

The art to preserve health, to cure diseases Ato along life has ever been considered of the highest import tonce. It has therefore been justly observed that no steedy can who more interesting to the mind of man, no knowledge more weefsary, than the science of medicine. If the goods most resireable in life, health has over claimed the first, the and distinguished place. It is the soul that animates all youments of life, which fade and are tastiles without it. I man stances at the best and the greatest tables; is poor of writehed in the middle of the greatest treasures stortunes; with common diseases strength grows decreped, youth loses Il vigour, be auty all charmes and palaces are prisons; where are useless, honour and attendance cumbersome and nowned themselves are a burden; but if diseases are vislent painful they equal all conditions of life, make no difference between a faince sa begger, and a fit of the stone or the de pats a Thing to the rach of muhes him as miserable as he can do the meanest, the word Amost criminal of his subjects. A science therefore which taught the methods by which health could be maintained, our body quarded against diseases and wen restored to hulth when affected is disorders lette ear claimed a most respectful distinction, and we are not

far fa ester vida from the sion only the sion he row for they Vas bra done the unforiged that in the first of ruder ages of manhind, Osculations the supposed inventor of Medicine, was honowed with Statues, stimed the Son of apollo and worshippeds as a God. No endig idual however of can claim the honour of being the founder on wenter of this Science; we are rather to conclude that Miscine from very observe salmost imporceptible beginnings was by he successive labours of ages brought to the digree of desfed, in in which we now find it; and as the subject is not my curious but important, we shill in a few words endeasour trace the origin of Physich .. There can be no doubt but It in the first ages of the worlds Munkind would be any would be discover means by which they could quards against the diseases to which they must unavoidably have been exposed wer in those times. This was undoubledly the first origin of Indicine; it was however at first confined within our new, on limit; for in those days builenly Instit & a few primisecous experiments were the principal means by is. they acquired any knowledge of remedies. By accident is ment the discovery of medicines undesignedly mede, in is Vane menner for instance as what Gestry relates of the cole, trated herevian back " That a number of trees being blown lown into an adjacent lake good such a bitter Sincture to the water that no person would use it or any cattle drink its: at length an indian, wife with swere third in an intermity

tent his loom line for a a man ens wha cres rect dea ters times rime

tent four eagerly took two or three large draughts which would is distemper of gave such repute to the waters that they were won exhausted; but when the lake, filled by the night rains, was found without it bitterness & virtues, it was naturally included they both arose from the trees that had been family know into it, & further uppersince soon confirmed the truth. To this accident then we are induted for one of the most eficial lines remedies in medicine, of which we might throwise have he ever remained in ignorance and it is highly forstable that ware insepted to accident formed ico. - By insent is meent that discretion which in different degrees is diffiched through all enimals directing them to chuse what is good of to avoid whatever is with or destructive to them. This peutly is possessed men in a degree for superior to the rest of the animal creation. We so children & girls who abound with an acid in the stomach eager for chalk, when so ther matters that will con, rul Aabsub the acid; and a person labouring under a putrid do, wase can scarce bear the right of flish of ther putrescent muly ters, but is desirous of aids and such substances as here a indency to correct the patrick disease. By pasmisucous apply riment we mean remedies founds out by indiscremente try. by he greeks, with whom the custom prevailed of apposing the

on delivering a course of The Lectures on the Fractice of Prysich comprehend var that hart of your Hudies, for which all the other 60 are intended, and which are only wieful, as Ye they are subserveint to this.

with in the market place In the high ways to give humane bengers an opportunity of opening & relieving of disorder, If the patients recovered it was his indispensible duty to hang in a tablet in the temples of apollo & Beulapias, in honour of the deter who presided over physich. On this Latter wes wrote an account of the disease, with the remise which reformed the care to followed however that from this custom Loth diseases premidies were multiplied to an excepive degree, much superstation was necessarily blended with it. After a variety and indude almost innumerable genolations, Medicine is not only arrived the a considerable degree of perfection, but continues to holds a most respectable station in the rule of Leinces. In the present which has betty han made of the medical schools in this City, it has been elitted to me to deliver the Lectures on the Practice of Physich or that fart of your steedies for which all the others are intendeds, and which are only useful as they one subservents There have been Persons who, imagined that the Science of Thysich night be acquired in the space of some months; but inscientions hen find that the incepant study of years is variety sufficient to acquire such a degree of knowledge as will riguil their consciences in the practice of its. Releminary to the tendy of Mysich are required a competent handling of the last in Industrial

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hilstophy. The question has for some time past been much agitated mony as whether there is any advantaged to be derived from the taky of later of whether it is in any digree necessary to a medical education So. Williamson, in a letter to In South son of New Took has endeavoured to explode the idea of the newfity of the latin language, and of all the habications that I have read on the subject he appears to me to have advanced the most possible reasons stargument against it. To me however they are not conclusive, and I must continue of the dinim that in the busing states of medical science it is of considerable use & have one knowledge of the letin tongue. It appears absolutity newpary but the literate in the different countries of large should have common language in which to convey their sentiments. From a variety of circumstances, at present not to be enquired into, the Win is the language usedo in that intention, and hence a very rity of books have been of continue to be published on the menent of Europe in leting that are not translated into reflish The works of Affmen Depens many of the most estimed works of Haller, even Culter's Lynopsis with a number of ther way capital books are in latin and will probeby never make their appearance in an english dress. And the there is no doubt but that a person may practise medicine with success who has never reads those performances, yet it is equally true that he would practice medicine with greater advantage if he had read them. Natural philosophy, as it trut of

an Ju to and long fro have the hat har car dh neces to no and uphlains the theory of vision, sounder funumetiches, hydro= Statiches and various other phonomene which are indispensible to our willbeing, is a very useful and indeed necessary science the medical steedents. These we descreed were to be considered as brilininary to the study of thy sich - the honoledge of the It itself requires that we should be versed in anatomy, Physic, ogy, the himistry of hetien Midies, and the practice with & history diseases as delivered in books . Diseases however are found eferent from the descriptions delivered of them, and are bed know from experience, in the same manner, as we reedlect a person we have once sun, better than by hearing oneny descriptions of him Jone the propriety and use of attending hospitals or visiting the private. latints under the direction of a judicious Physician. Anstorny a it teaches as the structure, conformation Asituation of is diferent harts of the human frame, which is the spice of the physician's care of attention is very property considered as a most essential. hard branch of the science of Medicine of the foundation of the The parts. Thy sidogy which teches the functions of the different organs spects, and how they are performed in a healthy state of the by is very indimately connected with anatomy and is indispensibly huefrary to be understood; for how are we to gestore health svigour to a diseased part if we are not perfetly well requainted with its ordinary Aproper functions. But the practice of Physich consider

X strom this view of the knowledge Aquelification that are newbary to form a Physician we are ar Truck with the propriety of the Sensetion of hedge Blackstone's respecting the british Physicians Awhom he pays this just and well described on in plement on aggicain tence is man

an accurate knowledge of the discuss incident to the human forme, and of the remedies with which health is the restoredo. former comprehends the diagnosis merborum the letter the huteria hedien; and as many of our most eficaciones remedies on furnished by the minisal hingdom, and almost all require Ime preferation before they are administed to the Patients time a transledge of chemistry becomes useful to the preeting jour of Physich; not only to understand the phermacutical trust and of medicinal substances, but to prevent injudiciones compos, itimo . The eclebrated Judge Black Black stone in his introduction the Laws of Englands payer the british Physicians this justice, in complements: That the profession of Physich abounders with more juntemen of liberal education and notinsive hundledge than the sould be met with in any other profession, and I flitte that the Physicians of amirie will at least endeavour & un the same observation applied to him. There is certainly no pro, whim that affords greater opportunities of acquire unful knowledge the homeways of the worlds, and these leads to liberality of Vintement spropriety of conducts. The opportunity of acquiring this knowledge is not effect in this lity equal to any place in any Country It is the seed of Government, which netwally obraits of contains the men of the first characters from very part of the Union By uniting the two seminaries of describe, which to week before Me separate

wer un wite ù Just thes with A CONTRACTOR OF THE PARTY OF TH la dif mu whe of co. by m J. & for in went in the survey of the state we respectable, the University as it is now established, will be able to ummands the first characters in be every species of literatured will of some armie at greater eminened The medical school is now on a Plan altogether similar to that of the elebrated Uni, with of deaburgh, and I trust that the Lectures which will in Liture delivered here, will be more useful & of preter importance then any can be that are delivered in the faciga Schools of Phys with seer as diseases very according & different situations, countrys I demates, and as the diseases of america in many instances after esentially from those of the nothern parts flurge; it much surely be more useful sadvantagenes to study Midicine where we are to practice physich than in a foreign Country. I do not by any means dany the usefulness & advantages foisiting the sexts of Learning in Surope for I arm well convinced that the more one we very our sphortunities of acqueining knowledge, the greater will be our Joseph, by hearing the opinions of different teachers whomas much better chance of coming at truth? Before I conclude it may be proper to upplain what is frepried for by the errangement now made the Theory is separatedo from the Practice of constitutes a disseried Professorship ander the appellation of Institutes of Medicines in conformity to which is subject in Edenburgh, Leyden and the most celebrated schools of

All has been proposed to arrange diseases according to the the femperment that would us by doubtedly be very herineable, if it could be reduced to from practice. But in the present limited state of knowledge you This is altogether impracticable; because in i. 1. plan ni we on many designs and It at a lafe to discover by the cause, the the symptoms are sufficiently families. The we angine Pectories for instance, a disease which has engine the attention of the first Prysicians in Turspe, has we hitherto baffledo weny attempt to investigate its cause ? and almost its care; an edy the came cause with the often produce deferent symptoms deflects. For these its reasons then an envengement founded, on the proving me mate causes of diseases is at yet impossible; and we in much therefore class diseases according & their exemptons, a and the this method is also attended with its perulis de deficulties, for in the source of these actures we shall sind de that different sopposite causes will then profique similare effects, hitherto no rational methods has been discovered all to ensure the intention obviate this inconvenience.

Trysich in Europe. Its every disease is disting characterized In its perticular or what are generally called bathognomic symp times, by which it is to be dissinguished from all other diseases, per first object must necessarily be to give a clear of true definition of the disease; then to deliver its history of with this spoint out the prodisposing, occasional sproppimate causes; werent for the various symptoms that the place, and from the judge of the probable event of the disease or give progy wis, and after laying down the indications of cure generally, replain the manner of toutinent that is attended with the had succeps. The diseases of twomen of children will be considered deparately on account of the peculiarities with which they are itendedo. It will be my principal object to teach you in which manner to become most unfel as practitioners; without intising into vague conjutures or uncertain opinions; but whever opinions have been introduced to influence the practice of Porgoich, or theries established that have a tendency to influence the method of truling diseases, it shall be my study to guardo you against their dengine un efectes. I Various plans of Systems have been propo, and & published on the bed methods of teaching the practice of Physich, all of them are attended with their defects as well as advantages propose following the order laid down by Dr bullen in his Lynopoles Martin of Mysich, but with thety of occasionally deviating where I may happen to differ in Lintiment; and the the them Presologia methodices is in familiar use among medical horsons, am permeaded that all are not acquainted with thousand it imports. The term Nosologie signifies comply a description or value of relation of a disease; and it ded the it is it was set were with him

has been and continues to be the opinion of some Men of disting sisted ininence that way desease is distinguished by its pathogy armie or heculeis symptoms which are so characteristic of it as A discriminate it from every other, in the same manner as the various productions of nature, particularly in the vegetable & minal king dom, are by peculiar marks distinguished from all there, in consequence of which they are reduced under their respective rder clesses, orders Agenera. It was thought that diseases might be mangeds in the same manner, and that those which agreed in this nature of treatments would of course be classed or associated buther, and thus greatly facilitate the study Ahnostedy of diseases. Upwards of 200 years ago Felix Platerus made an Im inconsiderable attempts forwards a nordogy methodico; but, surages of Montpellier of the whebrated Linnous were among the list who prosecuted this idea to any extents; Sauvages salimous we not only cotemporaries, but on terms of the most intimate riendonis, and if my information does not decieve me, dinnous first suggested the idea plan of a Mustogico methodico to Sauvages and wogeto nim in the strongest manner to muche & houseute the allempts. Sauvages accordingly published a small 12 mo volume on the subject, which he afterwards inlayed to two vols in to Linaaus some years after published his general mortorem which serveds him for a test fisher Lectures on the diagracia mortorium. In my attendance on those Lectures I had an opportunity for his factions he light or Dr. mi fr from see Theoring the system explained of the advantages of it pointed out one years efter Vogel & Sagar published their systems & Drefullen has since favoured the us with his. It would answer no hus. puse to offer any reneastes on systems which are known only I name among us; but it will not be improper to for some insiderations on In bullens. The principal office, as I before besords, is to arrange diseases of a similar nature together to distinguish them by invariable spipeds symptoms. Unlife til is accomplished one principal design of a nosologia who diese is lost. And the classes sorders of discuss, in the dame manner as in subjects of natural history, may be any ificial, it is absolutely newpary that the different genera should a natural, and that way species should pours the characteristic · Yeath of nomic symptoms of it genus. But if we judge of In Gullen's system by this standard it will be found defective. One or two instances will at present be sufficient, reserving vez muches on others when we treet of particular diseases. Under the genus by nanche he considers the inflamatory sy. hutid one throat as freies, the in this nature, cause & cure no two diseases can be more distinct; he might with equal proposity have placed the inflamatory spectrid fever under the same genus; for they differ no more from each other than the putind sinflema, try sow throat, reshit have nothing in common, but that they occupy the same parts linder the genus apoplery he places the he weephelas, of the effects from poysons sedd as peins, the total who are hard for the second for the hard and ofer who Frace May () wor n The indy judy vmp lowe cons enon tan herfo will tiva

Herent in their symptoms seure But ashvitto standing these de, the which are indeed great solviting and may be unfed as poweful Jutins against any norstogic methodice, his first lines of & Ractice of Physich is a performance of superior mist soulue on wount of the history of diseases which he has there delivered. In this, in my opinion, consists its great excellence and it stands Utry the unrivalled for accuracy, perspiculty, concisents and judgment bis history of many diseases is indeed so perfect and complest that they searchy admit of comments. It is this excellence lower which occommends it in a particular manner to the constant attention of the Student in Medicine, for nothing un be of greater importance & him then a perfect of intermeto handledge of diseases; and the the arrangement is in some in, tunes faulty, and his Theories, in my opinion at least, not divages well grounded, it must ever be considered as a huformone of superior genius Amerit, which I am persuaded will maintain praeminence as long as mediene shell be only Fivatist as a Science

then lin the second of th deser and the same of th nu had been been a second or the second of the second lean and the same of th theres the same of the sa in the second se nuci Since the second of a they the man of the principle of the state of the me water to the second Tom A SHOP I WAS A SHOP IN SHAPE OF THE SHAPE OF cloa, art. with ning ring endo ere use

laudable curiosity leads persons in way profession to make timselves agreeanted with the rise progress solate of that wines in which they intends to become proficients. The Science weres it more then Medecine, in the history of which while we numerate the names of eminent then, we at the same time have the different stages of the left and the various theories opinions that have prevailed in different ages. While would brefore in other sciences be deemed a matter of more curiosity, is in attended with wident Whility; for it has so happened, too much induced, that thy sicions of invenere have generally given laws of my to their estemporaries, but to succeeding ages; If is name In then has frequently stampeds a value on opinions which by by no means deserved. To make you arguainted with the various theries that have hithouts provailed in thedicine, is wy motive for devoting one Lecture to the history of Medicine. Tome useful arts are meaty coreval to the human race; for foods doathing shabitation, even in their original simplicity require some of theny lits are of such antiquity as to place the Inventors begins he reach of tradition Several have gradually erept into existence without an Inventor The busy mind however, occustomed to a beging wing in things cannot rush untill it finds or imagine a begin, ring to wery Ord Thus Bacches is said to have invented wine. and Statchylus the mixing of water with wine. The bow of arrow are by tradition ascribed to Seythor, Son of Supiter, the it is a weeken used by all nations in every part of the globe from spinning sa

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wount of its weefulness, must be honoured with some illustrations wenter: by the egyptians it was ascribed that goddles Isis; by te gruins to hinera; by the peruvians to mama Elle, the the chinese Yao. I mention these instances to shew you how similar the vinions of Men are in an uncultivated state, and how little with can be put in the traditions of Insignity. Medicine has in the same manner been altributed to a divine origin of with year reason By others the honour has been given to particular wroms, whom they on that account call the founders of Inventors medicine; but the persons mentioned by historians perhaps now visted but in the imagination of their prejudiced admirers. It is no means probable that one person should have such progress in redicine as to desirve the name of an Inventor. It is by 3. successive bourd of Persons in different ages that arts are produced of brought hefection and medicine is in some measure coval with then. henhinds must originally have been subject to various disenses & lible to Pain & sickness occasioned by the indemencies of the air, reefs of dich Amony ther causes: they must at all times have been lible to external injuries requiring manual aids. Eures would be attempted by various methods; many things would be tried at random, in many diseases there is a natural instinct for things calculated to give relief and Nature would furnish relief in others. Then, tive persons would observe it and apply the same remedies in imilar cases, which would naturally lay the foundation of Medicine. was customany with the Babelonions Asome other nations of antiquity appear their sich on the highways for the inspection of passingers with a request to examine this disease and advise them to some

net WI has ca ero tir mõ. rity This MLD fre for meg Le for de de w bu de has de nethodo of cure, It was the duty of those who recovered to hang up tablets in the temples of Osculapius, specifying the disease with which they had been afflicted and the method by which this hult hade been restoreds. Long life of a large family would render a men capable of improving this knowledge in physich; fame, humanity & grateful returns would eneourage him to make accurate observa, time in order to be more beneficial to his neighbours; the same motives would excite him to transmit his knowledge to his poster vity; and we accordingly finds this to have been the case, and that by this means medicine was confined to particular familyo not only for years, but for ages. Thy sich however made but inconsiderable fors, treps, untill it was cultivated as a Science of became the care offict particular forsons. The most ancient accounts of Physich relate to it state in Egypt, but there are obsure of defective. Sermes Tris, migistus is considered the Feather of Medicine & Philosophy in Supt; he preveribed laws for the practice of Physich which continued in face for a length of time; by these no person was to presente for different descases; but emfine all his attention to me, on pain of suffering death in case he went not the patient diet of aclisease of was without his department. Pregulations of this riend may answer a good purpose in manual operations where great deptivity is required, but are altogether inapplicable for internal diseases. In free the priests of Soulapius were principally intrusted is if care of the sich, who were usually brought to the Temples to consult is deity had the cures revealed to them in a dream of we may thence con cludes that a good deal of priesterest was combined with its

& Dipoerates may with justice be called the Father of Trysich, and his observations have Thords the Less ages. He has not however exceptedo malicious reflects an for he has been unjusty account of having borrower all his hundedge from the records of Physich, present in the Tonoples, and of having destroyed them after they had served his perfereix

one of the Priests however soon became clinical practitioners of accer Justicularly attentive to the prognosis in diseases. All is worth writings or words of Physich were hupt in the temples, which were at the same time Schools of Physich, of which Phodes, bridges, bous, brotone and some There arguineds considerable reputation. Such was the state of medicine untill the time of Nippocrates who is generally ensidered 4 the duther of Physich te was a descendant of Brutations who hade flourished 700 years before him; born at box about 438 years before the birth of bhrist; he did credit to his profession by living to the put age of 104 years and died one year before the birth of Mapander, to years after Seinces had began to flourish in greece, and when berates & his disciples had brought the seinces to the highest pen fection in that country Sippocrates was educated in one of the temples of Decelapines, but soon became a student of philosophy and clinical practishiner his fame votended out wery part of grace the considerable offers were made him to leave Thefsaly, his new two bountry, he considered his duty & devote his services to the country is hed given him beth. Several of the treatises attributed to hipporates are no doubt spurious & hear no resemblence to those performances of his which are known to beginning this applications, observations & Trutine on died are if most perfect of his warks. His prognesties are a finished piece. The system of Sipporates continued in voque untill Philines of box Asterapion of All Merendrie founded of empirice Yeel. These rejected all theory and confined themselves to besiration, history A analogy of diseases - from Greece the Secinces were transferred to Kome. This city owed its origin & is meaned smost despicable men, who subsisted by plunder strapine, and were engageds in continual wors for several

& His diriple Themison improved on his doctrines, & Thepalus un perfected the system. It is singular in tracing the revormen lutions of physic to observe how the same principles of and conduct occur at different & distant periods. The arrogance Avanity so conspicuous in Thepalus have not been buried with him. He professed I teach every su thing newpany How known in Mederice in six months to and affected to dispise all who differed from him to in opinion. All diseases were by & him said & again from a minture of these causes. Had he used the terms of thence & atthenie, a modern system of themism to would have defend from it as little in name as I in reality; making proper allowances for the improved & otate of how toge at this period.

revoluntingly told by Oling that Physich was not practised in Rome for les spooreds of 500 years after the foundation of that city; we were finds if. ato the consor prescribed incantation for a fractured bone. The osery every suid who had temples near the Tiber, as appears from some Medals ox hout extant. artegorches a greek came to Rome about 533 years after him it foundation, he was a great Surgeon and was at first favourably ranis ruisedo, but was coon after benished with all the grat physicians. exclepiades is the first gran physician of whom any mention is after, the words made . He came to Rome to make his fortune the profifeed to in cure cito, teto, siecende, he therefore took care not to distrip his ism tatients with regimen or medecine, but allowed them the full as gratification of this appointed. He was the founder of the methodice such, an act of which is given by Prosper alpines. This Sut haven with many others was swallowed why by galen who continued for a long time the Lyrant of Medicine, galen was undoubtedly a Porton of Mirit, his great fame was however in a degree at least owing to a variety of ciouernstances; his Lather Nies was a Man of wealth & Literature, and gave his In a most liberal education. After Galen had Jinished the steedy of Philosophy he commoned that of Physich, which he proseculed under different masters, which eforded him ig. sportunity of hearing different opinions; he completed his education by has villing; and after being thus positions of all the learning regularite to from the gentlemen Applysicien, he repaired to Prome, at that time is capital of the worlds Farture housever did not favour his disigns,

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ando efter remaining there har 5 years he returned to his native founds, He was afterwards recalled by antonines Sheeins Verus, Asoon arguined the Javour of the Empuror the good graces of the Empres Franstine & imbraced the dogmate of Hippocrates, which he estatished for his whiteting, high rank Squest authority, and by the number sques It of his writings; forhe wrote no less than 500 volumes of fave them such a connection as to form a complete system of medecines It is not however surpriging that galen should be so wing would received shis doctrines so generally established systems on always prejudicial to Science; for the indelent find in them a ummon place book to which they may have recovered without much study, and they are a check on the endeavours of midest genius. Barbairm then prevailed over the whole worlde, and galer's sy Then remained undisturbed for many centuries. When the roman empire in the west was overrup & ontirely ruined by the goths; the arts sociences or rather their remains went to the rash where they remained for a time. But in the 7th century of the christian Dra Mahomet overrun quet part of the east took A distroyed alexandries and as the Mahometens equalled the gother in their hatred for Deterature they destroyed the famous Library at alexandric which contained all the Literature of those days. Le considerable time afterwards the Californs of the raw of Marisi agarded the sciences with some favour, recovered many of is grate manuscripts of ordered them to be translated into the anabien Asyrien languages. They first fell of on the works of bristofle & afterwards on those of Galeng whose system of medicine was built on is aristotelien philosophy. The anablans however contributed but little to the improve ment of medicine, if we upcept the description of a few new discuss,

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walies to arabin, with the rebuedies adapted for i cure of them. the anabian physician Thezes, nor was it known in Surope ntill brusades were instituted for the recovery of Scrusalen, when he small por of several other diseases were brought into Surspente unbiano neglected anatomy ensirely, as they with all the nations the easy have an aversion to touch dead bodies. They had indeed me knowledge of chemistry, but they did not apply it any farther to y. whose of medecine than to furnish the materies medico with Lyrups or untill that time noney had always been employed, as the and of nating sugar is an anabien invention and was unknown the with & romans. They however made some improvements in Surgery, which much happen in all manual arts or operations. The arabiens brought learning back again into Survepe of established Schools in pain, from whene Leterature was diffused over the rest of surghe. The college of Salerneem was then founded A Profesors appointed in y. languaged sociences. They published the social salerniture from which the works flowstentine a Professor of medicine at that place we may judge of the state of learning in that barbarques ago. Thedeine was altogether taught on the galenical system: They knew little of Sipho ore to of even of the original wor itings of Galon, but commented on the translations given them by Phazes floriens. It was not before the beginning of the 15th century that sceinces began again to shine forth in their native lustre. at this time a taste began to prevail in State for the liberal arts, which however was not very considerable, nor did it spread universally untill the year 1453 when constantinople was taken by in Turkes, which forced

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he men of learning to fly for security to the westers these broughts our discovered by which the labours of the encients soon became hablish. not then recovered out of the Lethary in which they had been wohed for near 15 Canturies. The superiority of the ancients was chrowledged they were universally studied. The arts socioces. nade considerable progress, but medeine did not advance in or observation serperience of not to be perfected within the age Men Chemistry untill this time had been little employed in physich; it boas entirely in the hands of quaches of alchomists the made some improvements in it. The lues venere hade just made its first appearance in Surope which yielded only to Morning I the violeus of antimony had not been long discovered when There, clour made his appearance. He was the lauthor of the chemical July that exploded the doctrines of Galen & introduced a very diffe system of physich, equally if not more permisions then any of the former. This Seed continued nearly 100 years of if professors of it were help in high estimation by many of the princes of Burghe They despised anatomy and all theory's drawn from physiology, rejulis bledding and recommended the hot regimen in fevers. One of the greatest men of this sect was Tohannis Baptista Van Admont He was an excellent chemist, but a wronkeadedo enthusiast a good scholer but ignerant of anatomy sphysiology, and the has the miril of expliding Jalens doctrines, he unfortunately substituted worse in their form. He fell a sawrifice to his own theory and died of a pleurisy in the Abb year of ago, because he would not be blid. Thysich made but small project at this time in comparison of what might have been

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repetite from the great improvements that were made in anatomy Botany of chemistry. The ancient theries of temperaments were still retaineds. The scholastechnilosophy maintained its ground, notwith standing the great Bacon lived at this time, who laid down better rules for the study of medicine has any person had our done before them But no Physician, except by dinham, paid any agard them before Baglioi's Time The discovery of in circulation of the blood produced no great change in it state of thy sich of was some time before it was universally admitted, & when admit, ted was not rightly understood, nor did they know to make a proper use of it. The helmontion doctrine began to prevail very generally, especially after Feranciscus de la Boe Sylvius Taught it puttickly. The was a celebrated Profeser at Leyden, a man of quest ingeneity of an excellent anatomies Abhemio Se deduced the cause of Il fevers from an acid, and advised the cure to be efected by Alkalis. Theory that we existed was productive of so much mischief to manhind of it has with justice been said that those who recovered by this freatment had gone through the feery trial. In Solvines we have an instance of the insufficioney stallacy of her, Inderend was one of the first genius's that our liveds this was improved by a most extensive Aliberal education; but These greet endowshink only servedo to make him mon dangerous A destructive to mankind, by enebling him tonface his doctions with quester energy as his readers thearers, How cutions then ought we not to be in admitting opinions that are not founded on observation, and especially when they lead to important rules I practice; we ought never indeeds to admit the entraily of eng person, however distinguished, in matters of opinion. This theory

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the destructive practice frended upon it prevailed uning vertally untill Providence, in compassion to many sent the immortal by denham into the worlds be was as much infe, rior to Lylvius in education Agenius, as he was superior thim in judgment, to which may by addeds a puculiar Calent for observation. Ly denken is Justice to be considered gre of the first physicians that ever existed. He had no great know ledge of broke, the he highly valued the writing of Sippoceate, but without being a service follower; I he was a purfed one del of entigrity seandour he was the first who introduced the simple mode of practice Agave operates fruity but judiciously. be was more estumed by foreigners than by his countrymen who considered him in y light of a quach. Defore his time, they, sicions allotted particular symptoms to a direce & established a uniform method of cure; but he first in his treatise on epidemies observeds that y same disease will often require very different treatment, that there must which were found useful in one sun, con proved ineflutual in another . The mechanical Physics cians had their origin about this time; they considered the body much as a machine of attempted to explain wiry phonomeron on mathematical prenciples. Different causes were now essigned for diseases, and way occurrence was to be referred to ig striction A lessem, or in modern words to Thenie Austhenie. Their openions Lowever were too extravagant to continue long of were superside by Afmen, Latt Atourhow , Feredirich Jofman was luther of various mistical performances during 50 years. Se admired the

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purhunical system of was a good chemis, but he likewise attended to the newous power or scations principle He was not only a man of med medical creedition, but harticularly excelledo in making observer tions in physich. It used few sthose questly week shedrines; of a cardulous disposition of too much delighted in Nortrums or specifiches, & some of which he absorbuted surprogery but defounded virtues Habl was first introduced with notice by Definan, but soon became the rival of antagonist of his tation. He introduced a doctrine which had hen observely pointed at by some of the Untiente, but particularly by State, Island swepper. He was a Man of an acute genius & long & accurate bosovation. Se ascribed the greatest part of diseases to plethow of attributed all orises of efforts of nature as they are usually called to crational soul; and therefore advises a particular attention to them that they may not be interrupted . In consequence of this thery their practice was fulle & trifting, the they exul in delivering in history of diseases; and desired particularly to be consulted on the diseases that orginate from distriction of the mones or the homorrhages. Itahl was me of the first & play attention to the newous vystem, as it is or immediately connected with his theory of the Stabl. He had numerous followers in germany; but I. Micholls of London, & In Polesfield of Eden burgh and only british polysicions who adopted his doctrines - Bourhave was the estemperary of the two former buthors. Wing branch of Medicine is greatly inditted to him. The was a man of incredible application, solid judgment of extensive rudition. He was not only internatily acquainted with, but taught all the sciences that are more immediately connected with is study I medicine and to this he added a thorough knowled of the languages sof polite literature . He excelled in eloquence of the quity

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remended his doctrines to his Tipiles. He was attached to no Sech but from each whit appeared to him founded in truth. He adopted is doctrine of Struction & Lentor of Bellini; of acid Allhali of the che, mist, I is of thethore from galen But notwith standing his greet femerent merit, he afords us a striking instance of of weatings of the human understanding of that perfection is not is lot of men for the he considered the human frame very accurately as to its muhanism & composition of parts, get he never took notice of he nevous power or sentions principle, which is of the first inhortance Some of his Pupils knower have suficiently compensated or this omission, and Haller in particular has been indefatigable in invistigating the laws of the newous gystem. Our System of Medecine then appears to a complete as it comprehends all the constituent parts of the human body, which none of the former systems died; but notwithstanding the system is complete, it is still for from being furfect and Thysich Medicine is wen get in a state of the linatory, Chemistry & the other branches of it appear nearly to have arrived at their atmost degree of perfection. Enatomy the more immediately connected is. Midicine than any of the others, as it is the foundation of Physiology stathology, does not teach us how to remove or cure internal diseases. But this is only to be learned from a knowledge of diseases 4 of the remedies adapted for the cure of them; both depend altogether on reperience, and this alone is the basis of the practice of the practice of the pick For whitever whoever attempts to were destades on any other principle will infallibly be led into error We find too that observations made

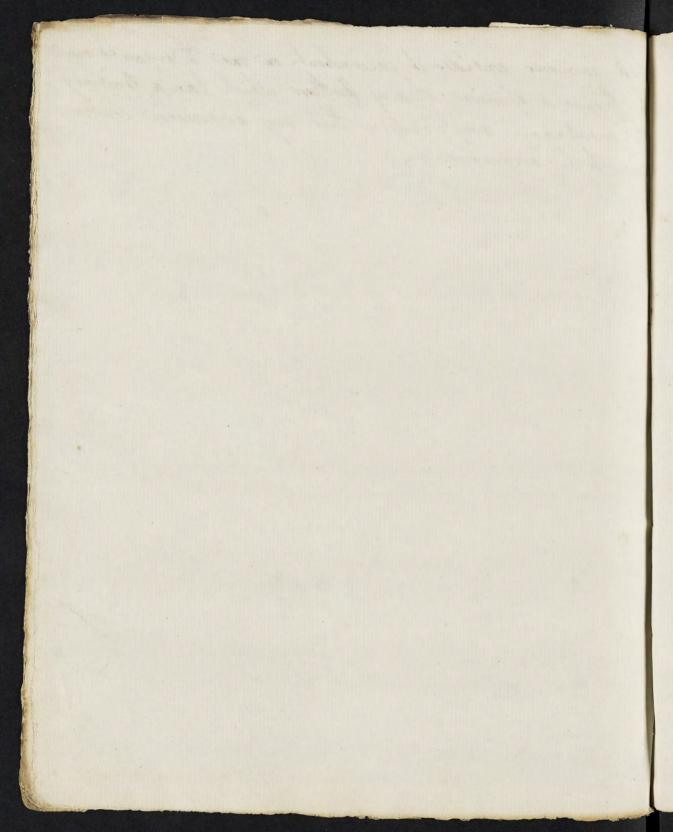
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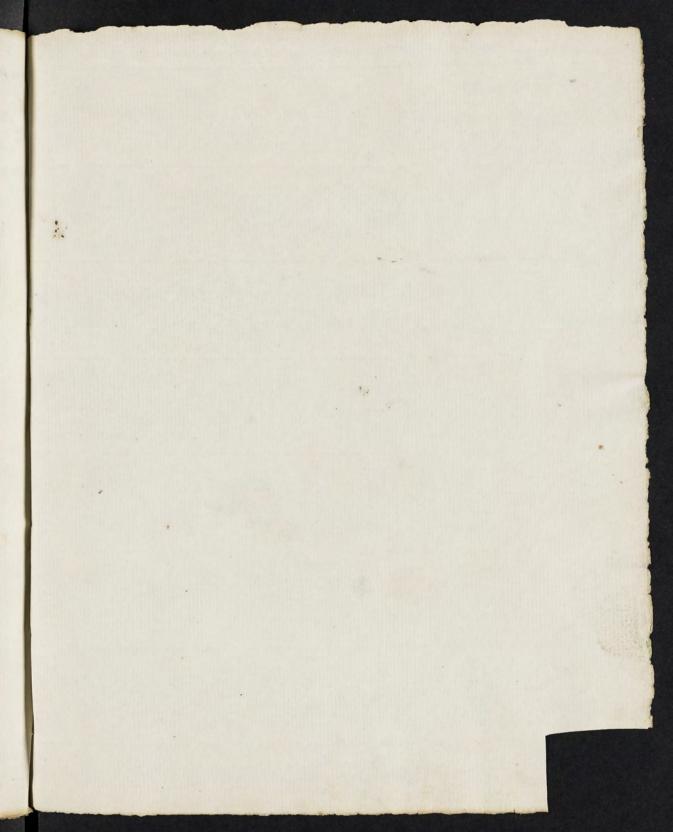
enturies ago continue to be unful at this day, while opinions scan by continue to live beyond the moment in which they are formed. to they are often attended with the most mischeivous effects. while they do continue, especially if they are ushould into the world under the authority of Some great ir alebrated names From this dight shitch of the history of medicine we are taught Some very important lessons. We are in the first place les to conclude that systems of medecine have been attended with infinite brigadice to is science by preventing that liberal spirit of enquiry which is so highly neighbory & improvement of every art This is well illustrated by the present state of Midecine in different last of horspe. If we except greet Britain we find that Mideine has scarcely made any propuls in Europe within the last loty years. For if we consult the practical writers of different notions, we find the method of treating diseases is altogether similar in most instances to what it was forty years ago, & adepted to is systems of Physich tought by Illmen; State ABourhave In greet Britain where no Man we vose to such eminence above his fellow practitioners as to impose his dictation for laws, medicine has greatly improved of is at this time ary rived at a higher digree of perfection than in any other country, the it is not many years since the english were excelled by their neighbours loth in Physich & Surgery. It is extremely difficult for Then to renounce prejudices which they imhibed in the early period I life. Van Switten Aballer are both striking instences of this truth. Shor Boci mise late been tion Hoo in all the th 4 6

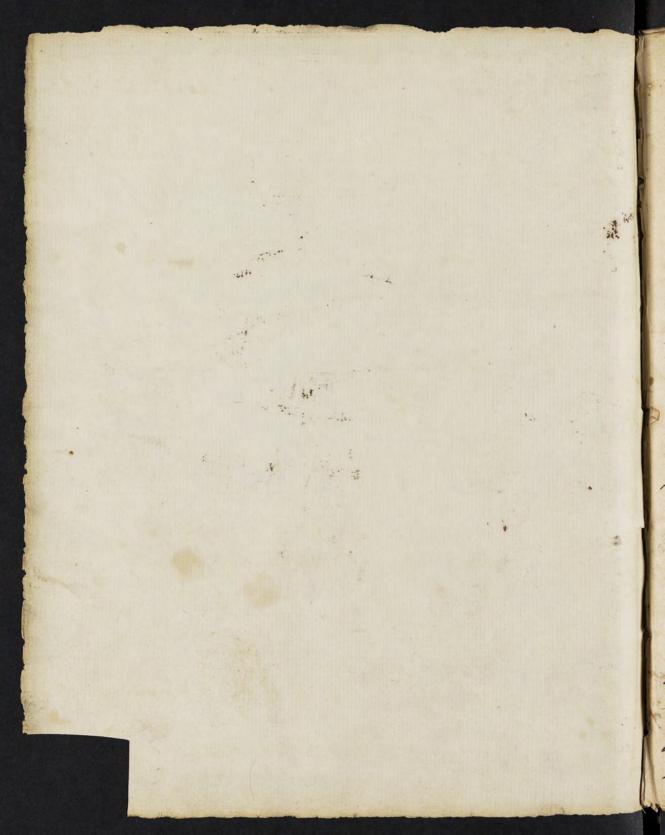
The have commented on is worker of their Patron steecher Bouchow, whoth here bun quilty of absurdations to reconcile the finions of Rocchave with reason states experience We further learn that infinite mischief sindeed distruction has been produced by Theories offreely lations in Physich The human race has at different times bun the sport of opinions and housands have been sacrificed the reveries of ancies of Men of lively and worm imaging time. The ancients, unacquainted with the circulation of the Goods the nature of our fluids looked for is causes of diseases in these; many of the mostions, almost ignerest of the Laws The nervous system, disregard the emsideration of the fleight ellogether, as if they were no part of our body, and look for the causes of diseases in the sensorium commence, with it. they are in a greek measure unaequainted. - We moreover learn from the history of medecine that it is a Science ontinto founded in expirence; that whenever any mode of practice has been introduced a priori or from reasoning alone, it has infallity proved erroneous and pernicious. Theory the outs only to be admitted to account for or replain the various fymy, ptoms & Thonromene that take place in diseases, of thus to lay the foundation for a valinal methods of cure of the thery or reasoning is insuperable from a course of the Lectures on the practice of Physich, and it will therefore be my Study to render this part of the course as perfect as my opportunities sabilities will enable me to do ; I

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the theries or spinions of any luthors which have a tendency to countenance any Practice that my apparience convinus me to be arroneous.







The Study of Wateral History, which complehende Toology Bolany & mineralogy, is of the greatest Importance to Man, as every thing necessary to is Support and comfort lof Life is buffelyed either by y. animal, Vegetable or mineral Kingdom . Man is y. only freature endowed with reason & Judgment to convert is productions to make a feroper use of the productions of Nature; it is therefore Devident that they his advantage was the immediate esto of their Creation. This advantage however will always be in proportion to is. hospefo he has made in this Veience; for we cannot expect to reap benefits from dubients with which we have no manner of auguintance To point out if. Dovantages the dre likely to accouse to us from an intimate of mowledge of Botany will be the Subject of this Lecture. Whis Sciente is both unful & agreeable, & ought to be ones pursuant to y dictates of redion & y law of nature, claims a particular Mediane The it is confinedly greatly valuewient to medicine its unfulness does not terminate fin this alone; it has however been too long considered as connected only with y. ast

No Seines is better calculated to lead us to a consideration of is infinite Wisdom Thower by which every thing in this World is preserved and propagated. The order that is observed in of disposition of every thing weated, never fails of shiking if beholder with amazement & to inshire him with the highest Veneration for the author of those daws by which all Maties is governed It is swatted our soundation that becaree 20, of the good different prices of plants that are at present known to asist, are found to grow in ij. same place. There is not a Ven Igetable but what has a particular Station assigned to it, in which alone only it can thrive Oflowshy for Mater has afrigned proper food Mourishment to every Mant and animal. If Vegetables has not been thus confined, the different preserving for as some plants produce no less than betto Leds upon one Stem, while others to not bring ! above a Dozen to Materity; the former would in Time have overrin and destroyed

have sources & destroyed the latter, if this regulation had not taken place. For this purpose also every plant nourishes one or more species of Ansects, who by a natural Instinct deposit Their Eggs, when there is is greatest prospect of food for the young, who by eating or otherwise de, stroying the superfluous, nech the Vigitables within proper bounds. But least then Insects should encrease too fast and entirely destroy the plant assigned for their nourishment, Man here has provided a different hind which do not subsist on Vegetables, but destroy the former Insects either by devouring or depositing their eggs on them! The Ingenuity of man has not get been to able to account for the curious The nomenon that some arimals which we observe in this face; where one must by a peculier power throws the other into a State of Torpor then lays its egg in it to be hatched; by the topid Animal is het not leable to putresconey, but and

out remaining in this State untill consumed by Inself hatches within its body. Towns of all all to one present a too great energe of the latter; for the insectionous Bird destroy them almost as soon as they come forther, and there Is first terminate finally into our with for food, but them entertain us with agreeable musich, while a few are employed in our Hischons. The wise Institutions of Multure are in no part of it freation more conspicuous than in if Prevautions she took, that the Beats Whird of Orey should be hept within Due bound It is therefore ordered that they encrease but slowly attach discourse Inimals unlife und by Surper attach discourse Inimals unlife und by Surper and of Prey are moreover incapable of veizing any but such Birds whose disposition of feathers, by w. their fly manner of flying is such himed, is confort mable to their oluk

He cannot sufficiently admise if various & curious methods hatuse these employer to scatter or difse, minate if Seeds of Mahts. We find many of them furnished with membranes, otherwith a kind of Rumage, by which they are readily laken up and carried by if Winds to hemote places. Some Suddifiels are clastic & burt with great force, throwing out is seed to a considerable distance, espe and particularly in rainy Weather, when the Earth is fittest to recieve it . The Seed of plants growing in Water are carried by if Alean to remote foun, Tryofflimates, without losing of their vesetating power This will perhaps furnish us win hason why y aqualic plants are nearly y vame in all is different parts of is Blobe agreat Rumber of Vegetables produce Berries for y. nourishment of Bird & other animals, but is. Seeds papers undigented Through of Clomach of ny

There is another method more curious than any of the Sormer, that is peculiar to a urlain order of Pants: and there have their Seed furnished with small hooks to which they laster on animals and are an Instakce of his in it what which much. heeping vole possission of i place they have occupied of by means of a repellent power is. presents lang of is lother herbaceous plants from growing hear them. Trees and Thrube not Tonly give grandeur to of (reation, but aford Hod and heller for animals and live protection Ashade to many herbaceous plants, which could not exist if they were deprived of this advantage That had of hatural history which treats of Insects in generally looked upon as too trifling a Subject to engage our attention; whereas la proper examination of this part of in animal dan Preation might be productive of & greatist good to in

They are properly if Ministers of Mature that are employed ked on all becasions. I have before observed how necessary they are to heep up a proper ballance in is regetable Lingdom, and then serve to nous rish the Birds that amun & serve us. Nature employs them for a different purpose where ig. la ger animals cannot be employed. We find that Lakes and particularly slagnant Waters are inhabited by dwarms of Unwets, that eat up A clear if Water of is putercent parts surpended in it. This agentit fouls draws if aquatic forols in great incredible numbers to Those places, who live entirely on there much. and those that are not thus Bestroyed, undergo alhange in in they are furnished with Wings to fly about, I generate and the die . Their hall pro dife only continuing for Chours after they leave if Water. But they chifly attract our Mobile on account of the hours Dames they sometimes do to our grain, but in he expecially to our fruit trees. He we once honour come at if knowledge of it Insett that do if damage we

may expect to find son relief by some means or attended with Lucufo, is to introduce those formate amongst them, that live on from only, and They will in a short Time free is from Their Disagreeable fampany. Inuts that foodble our Infest our House are best expelled by some patienter Secretis plants, that been to entire poup no other Virtues but thou of chasing There boutherome Vermin? Many Insects one also of infinite Lervice to us. The Busprovides no with honey, whom quality depends on in flow, to ers from which they such it. This should lead us to consider what plants up are most favourable for them, and then encourage if growth of such as will yield Honey of to beuperior Quality Another things to be considered in in manage hunt of Bes, is to furnish them in flowers early in if Spring; and this can be very easily accomplished by planting the vernal lege Plants near their Hives. We find that of dilhororm first came From naturally thrives best in those fountry

hat abound with mulberry views, but and no part prog July such a variety of different species of there Trees as the america. The have great recesson them to believe if it Silk toom intay be found to I mention before mentioned that every plant nourishes at least one wrtain free his of Insects; it is therefore not improbable, but it till torm may also be if natural produce of this tountry . Some fruits is collected in it same manner as if Money is by the Beer the Military fly is of great Im, there gave fructs in this fountry that have is same efect; for this quality is hot confined to that single expecies; the all is species of is gener hope of in some the wid for this purpose by if ancients and de, weribed by Diescoveder is a different species from one applyed us and continues to be made use of for this for this day in is East Indies and Egypt, where it is found in great no abundance to

We the find then that nothing is created in vain & that even if most trifling (productions are often of infinite Levice in is seconomy of nature & fina in is end terminate to is advantage of man the Hos greatest part of our food and cloathing is taken from is begetable Kingdom; which differ according to is different plemates. There is no half of World but what furnished some food in any of it the fourty and of the Spices . The that forcided shopen in africa sinds morting by the enthing first discovered of well of if Sugarfane & y. art of making Jugar. Burghe abounds in Com Wine to tyl. South america furnishes if test greated number of excellent remedies for is cure of diseases, which Europe aboun in born, Wine and only the Hegetable indistant for if Pattle indistant of Sife and last the lare supplyed by y vegetable Kingdom. The battle also indispensably newfray Vo is Support of Life subsist intirdil on Nightables. Portang therefore must be of is Greatest Jimpors tand to Mankind. It is this that instructs us what plants of different operies of our dometic drie, male chure before others. One operies frequently se, just what another delights in ; to y, one a cortain plant is wholsome food, and yet immediate pay, don to another. The Water Hernloch is progreson to low, but has no bad Effects on Horsel. The com, mon Lourel is instantaneous poyoon to Sheep, who often period by eating it in is. Spring before the other plants floor proper for their nourishment, come forth. It would be of considerable advantage to if formunity to honder if different plants injurious to y fattle were described in such La manner, as that they might be known and avoided amongst by immene Variety of beauting ful plants that there america produces, we may expect to find many that can be made him of for y combine purposes of dife of is, Tory probable that we shall discover some if.

may be of Service to is. manufacturer, and superior The line of those of that are imported in large quantities. Ihnow not any that require our me immediate attention than y . Investigation of Plants that may and be of use in dying flothe of of ther Substanced. We cannot bout that we may find such may be discovered, as The Indians, know how to stain Wood & other substances with beautiful Planning blown. The readiest Way to come at if. Innovoledge of the is to avamine whether we have any plants resembling those made use of for that hurhose in Eutrope. It is not many years vince a Fixovery was made you this method of Investigate that that has had happy forsequences for great Porilain. The Proceedla was for many years bought in if mediters at a great abice on y. Coasts of y. mediferranean and carried to England for y. purpose of dying red. It was generally believed to be an animal Substance untitl ill was properly examined by a gentlemen

no in England, who found it to be a Techtable, and on similar to one growing on all is barren In Mountains in Great Britain; which whon Injal was found equal to y. Proceella and is how constantly employed for is vame purposes. by which not only to large vum of money is annually vased to is hingdom, but if Manufacture ren lace o may always depend upon a constant and proper Supplyed. I have mentioned this for stance that Some ingenious gentleman might be excited to make Represents on a moto very much remetling the former, which is found in great quentity in these parts. ____ It is not 30 years since if Thingdom of Sweden impor ted most of their materials for dying from France Adland, but when Botany became if the general Study of y Country it appeared that Sweden either produced all there in such abundance or is Soil was so well adapted to their fullivation, that intead of importing they now export large quantities The suporfluous in large quantities. The advantages for arising from i. Discovery of weefel

Stante growing with here, will be much greater Than we east expect from introducing & bullivation foreign legetables for they will sometimes change finds any conveyed to go different climates that render them valuable; if they are conveyed to a different Chieste At the We have as manifest Instance of This in The Vine Carope furnishes but one Species of Vine; but every province, nay different Partakes, will aford wine of different qualities. This is entirely to attributed to is difference of Soil & Seat, the Wine is exp to which of Wine is expo and. The champey Grape has been repeatedly carried, & Burgundy & planted there, with is bespectation of the White would be have in same quality as Champain; but it always turned out Burgundy Wine. The same would undoubtedly happen lif the european Vine were universally planted in the fountry; it would certainly andoubledly in a short time produce Propos little Diffeent from our owny if equal have & fulture were bestowed on both precies.

The purposes if european, and why should we neglect to make proper use of them loten hater has furning shed we with more freier of ig. Vine than any that the plants of the country have a great with thou that grow in asia, and y. would be no dificult matter to make Experiments or to judge from affinity, whether we have not Some by which well could judge whether some for four plants could not supply if place of those that are imported at a great expense. We know that this Climate differs very little from if nor, There parts of Usix in begand to y Degrees of heat & cold; and if asiable plants are said to bear our Winters extremely well This Securce is immediately & inseparably connected with if Study of Medeline. The celebrated Haller vage of lit that in Importance it is inferior to home, and in Beauty excels any of the other Branches of Physich. We must enterely be of his funion bis opinion will be found very

lust if it we consider that very few lege three for at ledst of our Matrie medical are taken from y necessary to a Cerron Now then too can it possible for to Distinguish of geneine from y spurious if good from if bad, and if weful from the that medical plants, unless we have a competent Inoroledge of Botany which is if Basis of a sound maleria medica. Many of i. Workings of ig. ancients are useless to how, and explicially all Those that treat of is materia medica, because this Descriptions of y. Remedies and so importing are so they employed are so deficient & incorrect, that it is I impossible to understand or know what plants they The Commentators of in y fure of Diseaser. Where the former base neverthely wrote numerous Volumes on is Virtuer of if heart worth and plants of if heart Members of if heart Members of it hearts of its quently adributed is Innowledge of plants to them Ancients, they never could be acquainted with. Thus it has been per wently afrested and almost univer, vally believed that ig. Hemlock so greatly comendes

by North is of is vame Species that Deprived is berates of his dife, whereas the latter is a plant of a different gener, and of a more virulent nature. By Botany we also learn at what time Simples should be vertlested and what uses The roots of annual plants are the firmy me, dieal distrees, wher & whenever there are commended we may be certain there is a fallacy in if face. The rosts of biennial plants in Igeneral do not pouls any eminent Virtues; but as many have enterd the Shope, it is necessary the practitioner should know the proper time of gathering them; for unlife they are collected in the first year of Their growth they will possess no Virtues at all. Many of the V dikewin low their on become thest if on drying or if hept too long any coming derable time! The roots of perennial plants are best for is purposes of mederine if gothe they are gathered in y. Winter or early in ig lighting. There is also a time If is also boursed of blade that they pouls of Virtues in different Degrees

according to is different time of collecting them. Some l'require that we whould gather them to be gathered before is expansion of it flowers; other During if time of flowering; and many are bed suited for midecine if gathered about if time is lets un into leads un to direson in friendly plante Ocetables, if we for plants of the same order of fenus agree in Vinter This rule has very few byitims exceptions, but and my be rectioned amongst one of y Laws of Alton that. These We have another method of coming at y knowledge of y. Virtues of a plant, and that is by knowing if affinity it bear to the plants whom Virtues are already ascertained; for plants of the vame order & Genus agree in Perfue. I shall select give but a few Instance out of it innumerable plants Ogetables, that show this beyond a doubt The umbeliferous plants one heating & carminative of they grow in high & dry places; but become pay, sonous if they grow near or in Waters.

the flats of plants generally called is antiscorbatic, agree in & boder, Genus & Virtue; The many are different in appearances. This may therefore be looked whon as a Rule that is hable to few Exceptions. The Lenega root & little from y. Solygala that grows in Europe, and the latter is found to answer is same end & purposes as if former; but had never been weed untill y denega was introduced into practice here. He have greatest reason to believe that Mature has farnished every fountry with remedies for of Diseases predicar to it. He are certain that This actually takes place in many faces; but it appears in none more evident than in those remedies that serve as antidotes to y poyson of animals. In India where if haya is if? mod venomous Serpent, hature has not only Junished y. Pradip ophiorrhiza, but also an animal known to Natural historians by the Name of Schneumon, which pistly derives to

he called the inveterate Enemy of y. Maya, as it to letrolip no opportunity to engage & destroy Sespent; for which purpose every Inhabitant her one or more of there animals lin his house near his herson. The Upon being wounded The Schneumon upon being wounded by the Safund finds a sure remedy against the senom of y. Sepent in is brading ophior hiza, which the Ture has provided for it it know to find on thou places that haten has furnished it nature has provided for it. This root is und for is same purpose by is hatises, who can not are sure to suffer immediate Death, unly they can I get is not applyed in proper time I cannot here help mentioning an Instance of is we of knowing is affinite one plant bean to another. Dr Cardin sent a Specimen of a plant growing in I favoling to De Linnous, who whom examination found it to be of the vame Genus io. if abovementioned ophiorrhiga, and there concluded it must posses similar

I Vertices. He informed Dr. Carden of his Congictures, who y upon Enquiry found that this plant was as price, ther against is benom of is. Maya The denige root is if antidote made use of in this & y neigh bouring provinces to care is bite of y. rattle Inahe, and is therefore for another Instance of y. proving Non of hature. The venereal Disease was never known in Europe before america was discovered, and it is an opinion that prevails amenet america is if original Seat of this Disease, and that the Indians here know a method to cure it speedily Deflectually. The Lobelia of anothers which they we in this are in this Disorder. It will do honour to is person who whall ascertain the Truth of this matter, and rank him amongst those that have improved there are no where perhaps more endimental fevery are no where perhaps more endimental them in this fountry; and several Primities have been commonwhim then Disease that grow very common here have been commended in the

Diseases. They deserve af least that proper Tryals should be made with them, that we could from whether they I musit the prairies that have been bestowed on them. Verhaps we should then have remedies provided against then Dirorden by Nature, and therefore infallible, or at least beganding lourselves, and not be exposed to the Important for that we are frequently liable subject to How often are if efforts of y most expressioned Physician bafted by a Disorder which otherwise is neither Difficiell nor tedjous to cure, when the venue, Dies may the with too much furting be accured with too much furtice, and are become inest by age or adulteration. You much more eligible would it be to have a materia medica the produce of this fountry, than to import Inedecines that may probably be inferior to Three that hature has provided. From y little Tensooledge and only superficial howledge we have of our shedical plants, we may flatter ourselves that our Enquirys cannot fail of

of being attended with Success. For it is beyond all bout that if Indians in if different parts of america are very expert in curing the Direc, Iver with which they have been frequently attacked; but their remedies are either not calculated for y Diseases come in of le imported in these later years, or they have not yet of the had sufficient apperience to conques these, and generally fail on that account scarce ever adempt to cure them. What a grand threef is This for i. Welfare It is con I Why should we then longer Delay to & do this Iterienent Service for y good of manhind No place on if Continent is better vituated & Dates The an affair of this boyen then Milade for carrying on an affair of this Emportance. and y Societies instituted for all is advancement of all hind of Innowledge, The number of eminent & experienced Physicians that grace this fity who take a pleasure in

bromsting every thing that is good weeful, and The Institution of this whedieal follege, which even now exceeds our warment Expectations, give us reason to hope that this important Subject Cannot be restected in wident y Botany claims but policient of the policient sideration in a particular manner. There is no Seience in which the useful is more com, bined with is beautiful. The Philosopher will find and inexhaustible Source of pleasure & Inowledge by enquiring into is reason and and animals were created, and Allerson who labours for if good of his fountry cannot do it more eminlent Services than by discovering & encouraging of growth & will, vation of such plants as may best supply ay place of those imported from abroad & The Physician has other Instince and yoully implortant motives His own fredit and relief of the distreped prompt him to g. Disco.

very of such remedies, as may be adapted to the Diseases of the fountry ! If is is Duty of every Physician to improve if healing last to yo but most of his power, and it is a July that carries its own Reward. A. Broom who could discover a Remedy of as general use as if here, vian Bash, would do more good to mankind than y founder of Sapilals and postirities must honour for this memory for this memory for this interpretable esteem & gratitude. This Seince is of vingular Service to Gentlemen who go abroad for Improvement with the fitting tion of becoming weeful trumber of Society. They will be know capable of making pertinent Observations if they have made themselves ing Limately acquainted with is productions of their natibe Soil, and know & natural Dvantages Disadvantages of their Busty They will then be capable of judging what plants deserve their notice, and whether their fountry can reap

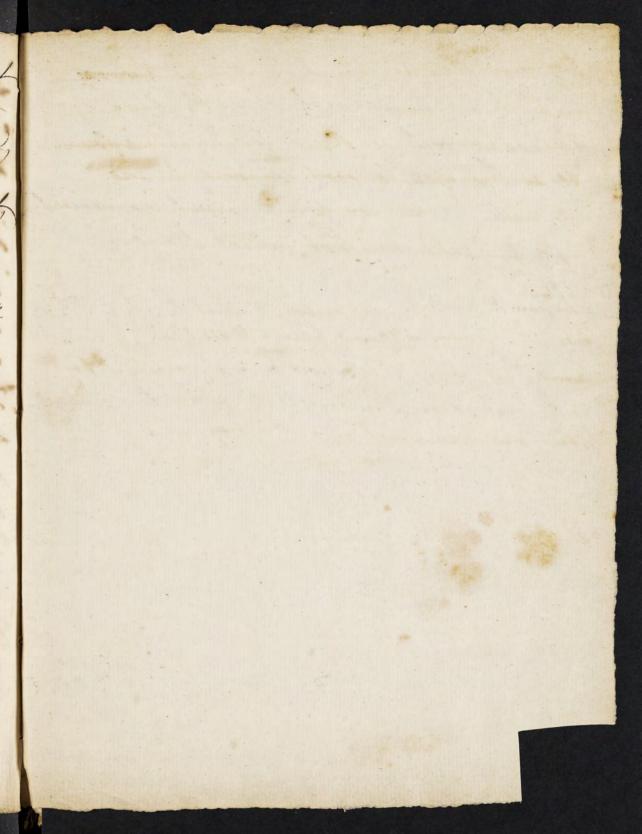
any benefits from y fullivation of them? They will be sahable of communicating ingthe curious obuvations to if ingentions pleamed with whom they there, from which they will be admitted to a closer Internacy and admit The Notice of Men whom Alguaintance will be both konourable of advantageous. They will then return with y? Estern of Gentlemen Steaming abroad, the Love &good Wisher I their fountry men at home, and y agreeable prosper of becoming instrumental in rendering their Pountry flourishing &

Han of the fourse There have been apwards of 20 diffe Systems of Botang Alogue at different Times & in different County the Hustin of Townsfort weligered all thou that had given us any System before him, and may be still booked wfrom as an apcellent performance; but in my opinion inferior to Linnous on several accounts. For since Linnous began to write he has given as such explanations of i Firms & figed Those that were taken in a vague Lence by other that corote before king that he have now render Botang after eary & suited to y. weather Capacity The Memory to not loaded with superfluous Flong descriptions; but for he has introduced a mether a Names is. he calls trivial, I there are never given to more but one friend, whereas the Writers before him, often gave y.

is. same hame to different so different plants and then referred to descriptions them which the memory was unnecessarily boaded. The Rumber of flapes, the Subdivision of those Claper into orders, There into General and y Sinen into Species render his System easier & preferable to any of the others; as by these means The plant to be looked for is perhaps to be found amongst 10 or 20 at most, wherear in all if. other bystems, who had not there Subdivisions, afort men we much often run over 100 different prices before we find ig. plant so character of y plant we are examining. _ The first part of The foule will then be taken up in getting instructions laying down the Orinighter of the System, and siving those terms of Att y Seince that are indispensably necessary to is understanding & comprehending the fitter

All after having given a fear this Explanation whelf proceed to is examination of is plants and that me be more particular in y demonstration of y for different parts of ig plant ; and They proper method of Describing a plant will take next take up for the shirtend of vicione sign to be describing for but a manner that every person may how arguainted with Botands may know the plant we are describing tet At y constaining of is Course Johall give some general Rules how we are to judge of y. Wirtues of plants by is afinity they bear to other already Known InDuring the fourse Johall hever omit to mention any thing that may be either unful or carious, but particularly point out the plants that have been commended enter for any vingular Virtues -

the next meeting will be on Friday Borning a Coflock in if Tuening, when the Dayle of adendance will be fixed for if whole for a at as they shall be most convenient and as stall be most con found most convenient, to i. Sentlement that attend the forms Should be glad if fortenin, who purpose to about the Lectures, will give in if names to Morrow between 10012 of look in I may know what hour of y. day will be most convenient for us to meet , whave sine enough to inform them of it. before our next meeting on monkay.



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Gentlemen Ever since Mideeine has been cultivaled as a Science, Thysicians have been diveded in Their opinion respecting the most eligible method that can be pursued & acquire the knowledge neupary & esercise the art with advantage to manhend of reputation & Themselves. Many have been & continue to be of opinion that observation or experience alone ought the the basis of my died knowledge; the greater part havever endeavour to derive advantages from various other sources that are usually comprehended under while is called the Theory of Medecine. Inthe opinions are attended with their advuntages as well as disas, vantages, and Awhatever it may be owing, one point is at least certain, that the lest itself eng times in a very imperful state, and contractif of sentiment frequently takes place on subjects? where we would suppose it empossible for him to differ This has not only had a tendency to check is.

ting ver au for in NA tu 4 le 4 de u. m In tion of some of the quality then, whose unfavour, rable opinion of it has, in some countries at least very much deproped the medical characters as the knowledge of ig. imperfections will lead to The removal of them, we shall take notice of some, which have often been accused of laying the foundation for error . Themistry has been much employed to explain some of the tohonormuna that the place in our Lystem, and particularly to investigate the nature of the animal minh. The constituent quality ties nowwer of this think are still unknown thus. animal blood has hitherto not been imitated by chemistry. It is not get known specheps never will, be known sumentation is peculiar the vigitable A animal kingdoms, and it is this which gives a difference to the different animal substances. Fermentation however continues one of the mysteries of Nature; but untill it is, understood the animal system must very main unknown, Geretion is another of the operations of Return which eledes our researches. Thene we may conclude with confidence that Theory, which is

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built on bhemistry, to be imporfeed, Thathematics have also been employed to replain is animal existen; and the Mathematics aford as qual certainty as Ruman nature will allow, they are insuficient to any calculate the force of the heart; but as they all differ in their calculations, we are only entain that the attempt has failed . The do trine of derivation & roul, Tim continues as unditermined now as it was a cen, tury ago. Gence we conclude that Theory, which is built on mothematics & be imperfect, - In anatomy how, wer our Science glories; but notwithstanding the access racy of the anatomists, we are far short of perfection have A explaine sufficiently will the situation, structure of use of the parts; but their principles are little understood, In the organs of Scentim for instance we perceive vehils which in appearance resemble many others in the body; we know too that they are destined for the scentin of a parting cular fluid; but we are not only entirely ignorant of the man mer in which it is performed, but of its connection with the The functions of the body. In the organs of Instin, anctory is equely defective; for the we observe contractions Ate performed, we are ignorant of the cause, because we

If further appriments should confirm this fact and confirm the opinion that the same will apply to all the muscular parts of the body, apply to all the muscular parts of the body, out present system of Mysiology rests on a tellering foundation -

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are unaequainted with the structure of the attimete films We see of are sensible of the alternate contractions of delatation of the heart, but by what power is this acy complished The react of a frog will contract & dilate after it is cut out of the body of when no fleid enters the ventricle of excited its action. That much is get unknown & us the following discovery is an instance la indifatijable Inatomist, in germany publishes it as an indubitable fact that the heart receives non More that are distributed to the Bood ochile; but that the substance or muscular hart of the heart is not furnished with any wing thing in, deed that relates & the nervous or animated System is involved in perfect obscurity, For the we can trace the mig progress of a newe, we know but little of its state either at its origin or termination. We see the expansion of the office Nerve, but why it should be disposed to see where in preference to the auditory Nene is & us an impentrable onystry. We are equally ignorant of the medium by which the impression is cong outed & the brain; for some contend it is a fluid; this call it Other, others Sentricity, and it is a most point that they are all wrong. The bifficulty is encreased, by the cong

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nection which tehes place between the different functions, and their mutual dependence on each the the brain depends for its subsistence on the heart; he heart could not subsist without the brain. Digestion and Scirtin depends not on the ohemical, hydraulie or nervous, system singly; but they all encur in performing these and every other function. And as we have found it impossible & investigate or explain them when taken singly, how much more deflicult will the unsideraten sexplanation of them be, when they are taken togethers. Hence it is evident, that some thing also besides theory is requisite towards nowising this art beneficially - This is sought for in the Yervation, History of the analogy of diseases. To these it may haviver be objected that It make observe, kind properly it is attended with the solmost diff. ficulty of that there are few if any observations of the here been made with the accuracy and attention. We night first to enquire into preceding, circumstances, such as horditary taints, remarkable. accidents of life, manner & tener of living; if previous condition of body of mind with the immediate

ati me 3h ly 4 del wi de on fu a. 6 on de no ca d 4 2 attends to all the since theres; the most moreover my mark if extraneous circumstances; the state of the Ulmo, There, regimen, motions of the body somind, and hasticular, by the west of the disease, and if it termenites in deeth examine of appearances of the body, It is nower but soldom that the Physician can make rimself acquainted with all the particulars; Patient The Bapries of the Patents & Russes, which frequently have greet influence on the deserder, are commonly most industriously concelled. tur own Linses linewise occasionally impose on us, and it frequently happens that where two or more Orginians attend together they differ in their judgment on the nature of the symptoms. They entertain different sentements of the sure frequency, hardness softmets, fully ness or lowners of the Tule. _ Every difficulty, inches curacy and mistake in Hosewatein must enter into the distory of the clinease. These are much increased when we consider the difficulty that altends the communication of "dess. Many appearances that earned be described; many apperhensions that exerned be defined. It is moreour liable to great fallacy from bials sporjudice. You often

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do we withe from aurision or desire, Love shitred, see things in a very different light from what they really one I term favours a particular theory, turns & vivos faits in vary direction untill he brings them to square with his Theory. Se sees every thing in false colours. Wire I we to believe all that has been said of bares being performed by particular rumedies, we must conclude that no disease to be without its certain cure. Unfortunately however we too often find that Temidies, the righty notated, are without any of the virtues ascribed & him. Medience has also suffered from fraud & Importure; a girman Physician has rundedo it as a fact that a Woman vomited who living whelps; and it is within the memory of many that a Woman in England was saich to have brought for the Crabbits and was even delivered of home by a man mides ife - These havever are to groß shelpeble To imprie my rational persons. But Physicians have too often induly of sublishing direct false hoods to induly the vanity of supporting or establishing a particular opinion. It has been confedently afirsted in that the cases puttished by the ulabrated For Fercind in his Emmenalogie were fabricated for the purpose.

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a more excusiable, the not less perniciones species of fraud is, when a man in his blook writer from observations which he imagines he noticed at y. bed side of the Patients, but if requently quilty of the questest errors & mistakes. Hence it shappens that so few of the observations hitherto rolant are altendeded. much advantago. They are wither too inecurate; or The cure is said & have been performed by remedies which further by als have proved the inadequete to the purpose. Many delection too have been agitated for a century, in which both Parties have constantly appealed & espelience as the test of truth, which either remained undecided, or proved both parties mistaken. Many of the points, which were agitated in fir Prof. Taltots Time respecting the peruvian bash, are at this day an, determined. The british Physicians apart that Bash will were mortifications; the french flety deny it; and both are wrong. For the it is an exullent remedy in Some hinds of gangrone, it is far from being useful in thest. The hemlock is esteemed an excellent remedy at Vienne in Scirrhey & fancers, which is denyed by almost the rest of turspe, Eures an declared the

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made by particular remidies, and attested by witnesses of sumingly unexuptionable characters, that cannot however be imitated by others James's Powder is an instence of this kind, besides many others which will be taken notice of on the proper occasions. From this statement then it is evidents that medeine continues in a very imporfect state, and as it is a conjutural art it will always be extremely difficult to arrive at containty that degree of certainty which is so very desircable in wery profession, but more particularly in words informement is a consciousness of our imperfection, and therefore by knowing what has hitherto retarded the progrep of medicine, we may lay is foundation for its further improvements. This must undoubted by be founded in experience As Survetions; but here low must be particularly careful & Much struct those my that have been with according of related with candous. For this purpose we must call reason to our aid, of hence we learn the absolutety neighty of studying i. Theory of medicine, which is nothing clase than reasoning

con no ha er col 1 4 al Ca 4 0 6 in 0 4 0 8 2 on the various subjects that foresent themselves to our emsideration We are however & reason from facts & nor to adopt the facts to our reasoning; for whenever this has been done in medicine, I has uniformly lide to error so Martale or confirm our principler we morener collect Fracts from natural history, chemical Amechanical Philosophy, from the lots, and particularly from dipertions of Ruman & animal bodies in sound smorbed state, when leads to the knowledge of the proximate cause of diseases, which is whairly an spit of the first importance for it is now well known that the same proximate cause often produces different symptoms, and my. contrary that the same symptoms may be aving to very different causes. No doubt can then be enter tained but that anatomy has led to many great discoveries in Medicine, of which Morgagni & many there are con, vincery proofs. - to it may be resept in the acquisi, ment of medical he nowledge to provente the steen dies on some regular Plan, the following appears A me best calculated for the purpose; and the its may not be in the power of wery person to prosecute it in all its parts; I am persuadded that the never the of the State of States wr tra Ita an con ques fis

he approaches to it, the formore will he be benifited. I may be considered in two views_1_ with respect to the proparation necessary & begin the Study - 2 dly The steedy itself. Under the first heads are required: I. Profesion: vir - goods Sense, sounds judgment and w studious disposition. 2 by the common foundations of Literature. It is searchy possible to bean every thing of importance in this Science in any single on of the currepean languages. Many of bour best without wrote in latin; some of these have never get been translated - 4.5. Lancisi. Torti, Werlhoff, Sauvages, Dehah Stolling the most esteemed works of Gallen to. many others. and those which have been translated are not always correct; this is wident from observing that some duthors have been handlated by different persons, who have quien different explanations of them. The gruch is useful, as many of the terms in Medicine are derived, from that tanguage of the modern Languages if french is particularly desirentle, and the italian of german contain many excellent treatises. Natural Philosophy as

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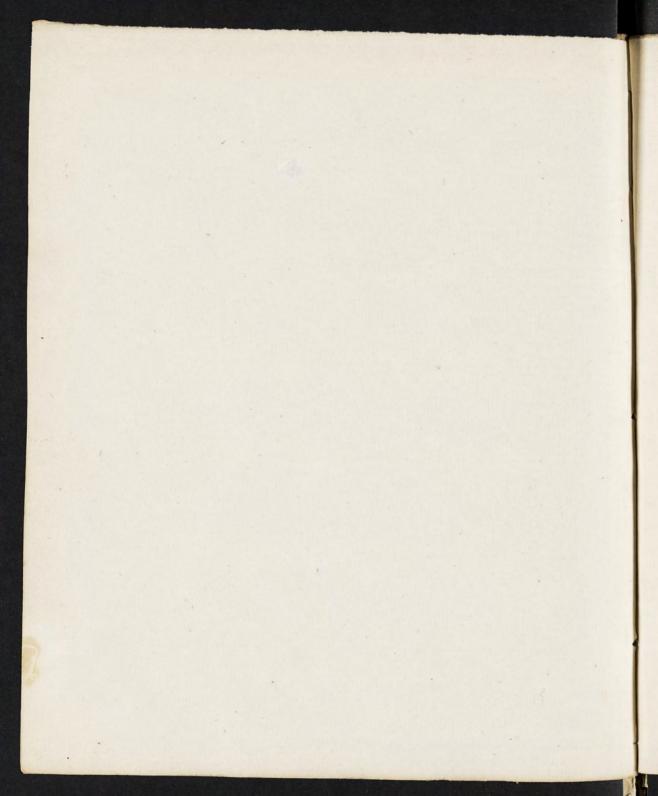
natural Philosofohy, as it treats of Vision of Jounds, Ineu, matiches, by drostatiches and various the tohenomene which are indispensible to our willbeing, is a very useful of indeed newfrang study to if the medical students. Anatomy as it teaches us the structure, conformation sistuction of the different parts of the human frame, which is the by jut of the Physicians care of attention, is very property con idered as a most exenteil branch of the Science of Medicine. Thysiology teacher the functions of the different organs of parts show they are performed in a healthy state of the body, is very intimately immeted with denatoring & is indisfernithe acceptany The understood, for how are we to reflore health svigues to a diseased part, if we are not perfectly well acquainted with its ordinary & proper functions. But the practice of Prysich consists in war accurate knowledge of the diseases incident to the human frame, and of the remedies with which health is the restord. The former comprehends the deignois mortonen; the latter the matirie Midies and as many of our most efficacions remedies are furnished by the mineral hingdom, and alomost all require some preparation before they are administrat A the Patient Chemistry is some honosted of Chemistry is undoubtedly unful to the practitioner of Physich. at the same

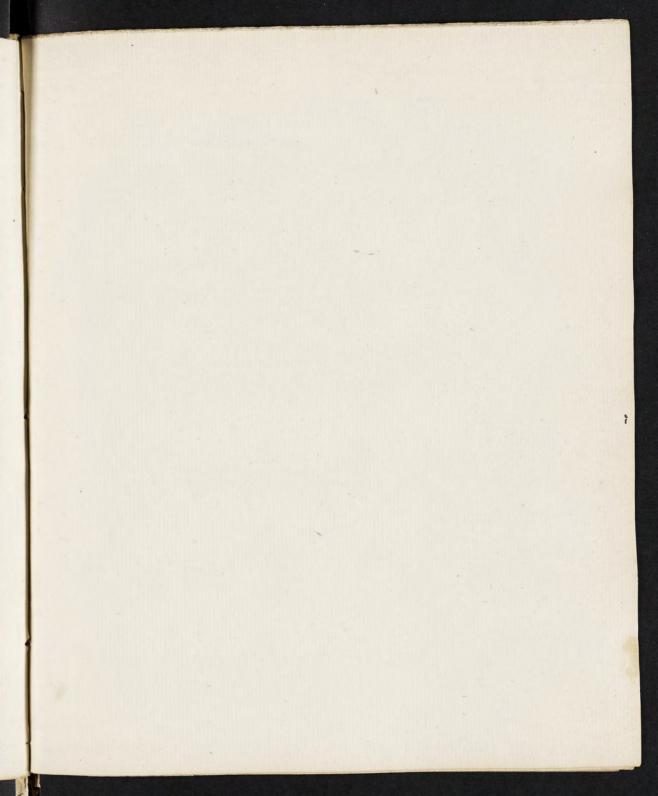
To obtain a degree in this University it is needpany that time the a Gentleman should attende at least one course of Lectures of the different Professors; he may hen ofer hemul fin, as afandidate either for Bachdor's or Doctor's degra in rues medicine, the examinations for both are the same the is no difference but that of publishing sdefending as to Thisis, which entitles the Candidate to the degree of Doits in Medicine. It is the determination of the Faculty to me The of Minh, and as respectable as any degree whatever. bee

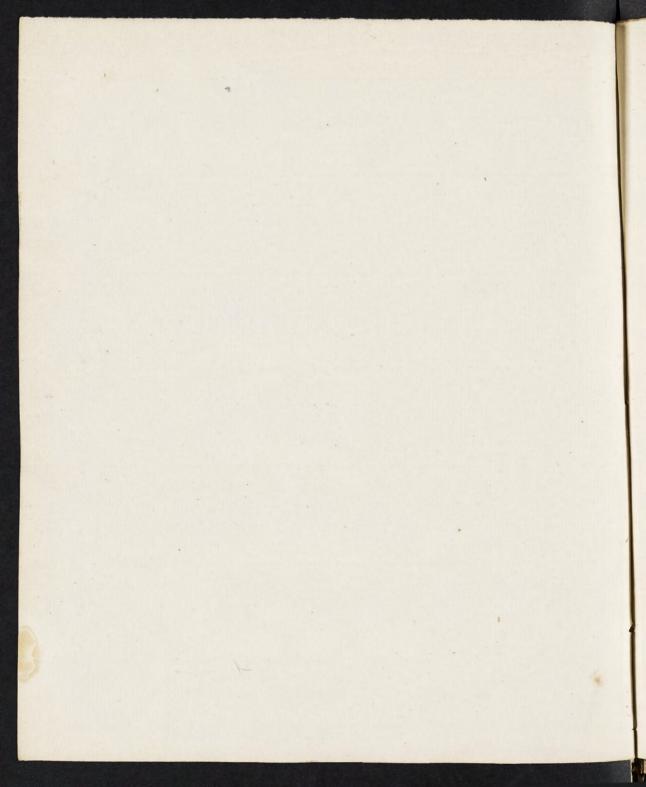
time havever it is but justice to observe that it is les equantial The Physician than the ther parts pointed out to you as and properly constituting a medical education. In fine I would win recommend the study of Chemistry as newpay & understand to the pharmacutical treatment of medicinal substances & as & quard you exacted making injudicious compositions; but Doth by on means to neglect engress to much time as to reflect much more important studys. In conformity thes tion Han the medical Profesorships in this University have been instituted. Themistry & metine Midies are very property combined as being intimately connected with each other of by which the Hudent is very much benefited. For Those gentleme whose convenience will not allow them to devote more then one season to attend Lectures, may with industry supply, cation attends all the different branches of Medicine, which would be empossible if the Profeportishs had been multiplies and there again who can attend two or more seasons will not only finds their expenses beformed ; but what is of much more imsequence, a shorter space of time imployed in attaining their object. Before I conclude it may be amile to explain in a few words that what is proposed to be trught here. - a course of Lectures on the Theory & Fractice of Physich comprehends Thesico, logy Pathology with the history & cure of diseases _ Thesiology with the history of cure of diseases _ Thesiology with the functions of the different organs sparts in a

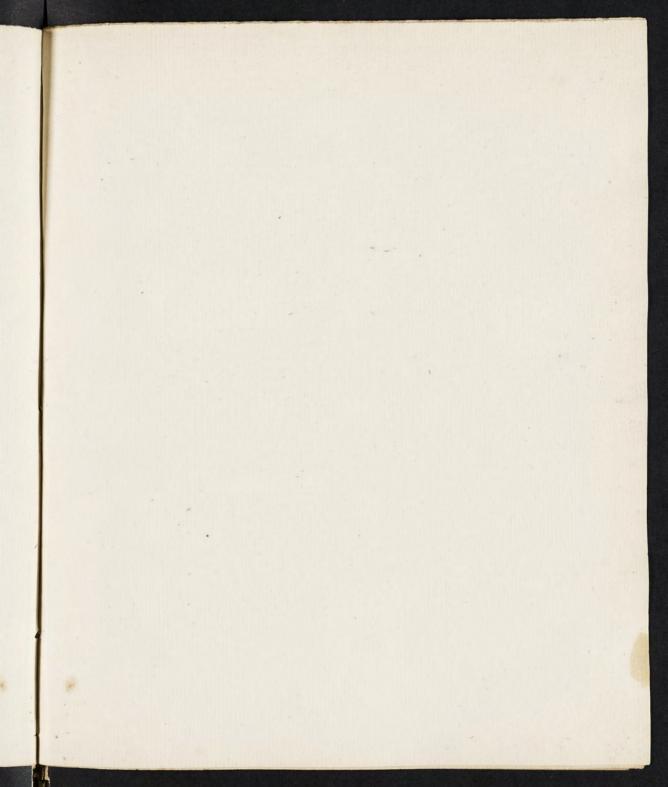
healthy states of the body, is, as was before observed, so intermety connected in Instormy, that they cannot well be separated, at an it is very difficult to again any perfect idea of the subject but when combined with anatomical demonstration. To far however as it may lead to a more perfect knowledge of a disease, nothing shall be omitted that can be of any usefulness. With respect to Pathology it appears undoubtedly more rational to point out how the functions are injured by disease when we trest of the method to restore them to healthy of sounds state, then to separate the two consider tions. I shall thousand when treating of any particular dis sease deliver the Pathology of it, that is in whit manne the functions are impeded so as to produce disease. With the history of each disease the occasional, prodisposing sprove mate causes will be pointed out the various Symptoms that occur be pointed out; from these a prognosis be formed, and from the indications of cure the most approved method of reliving the disease be delivered. The diseases incident to children of the female sex will be particularly trested of at and concludes the course. I would be improper for me to enter into any detail on the advantages to be derived from such a course of Lectures; but it may not be improper to assure you that my best indeavours shall be exerted to render it useful & instructing interesting .-

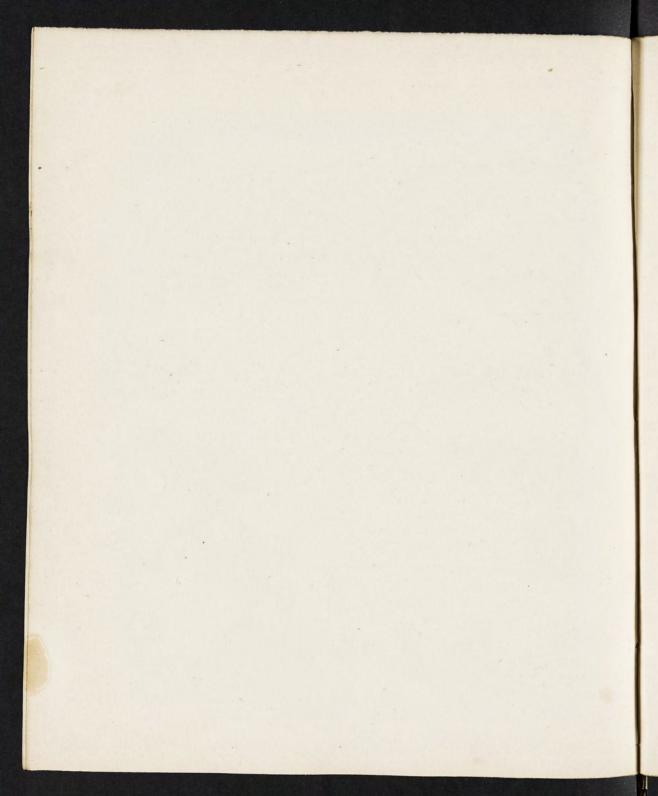
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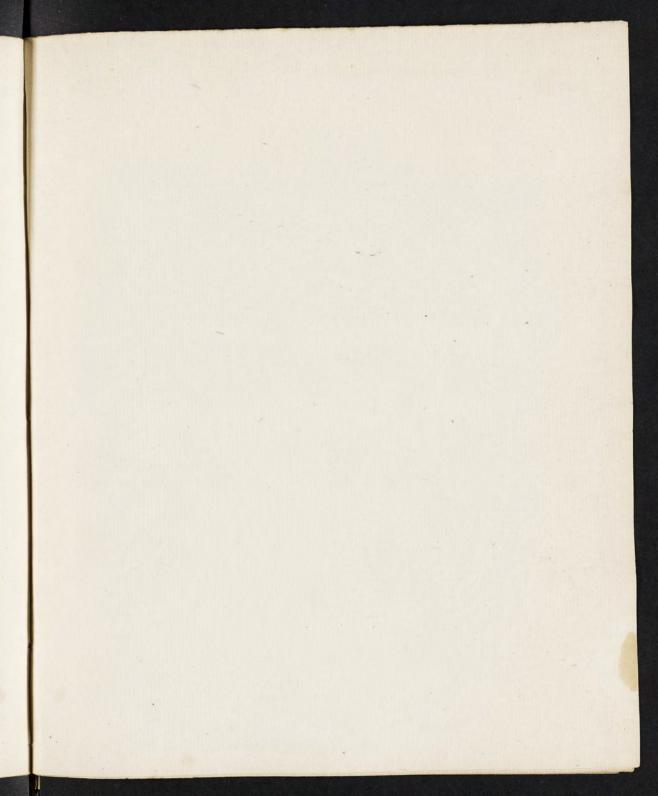


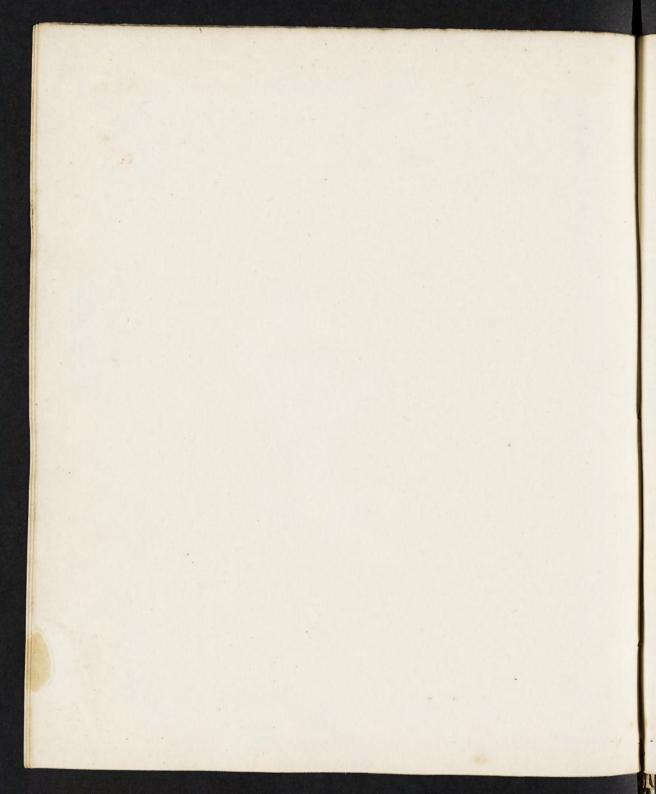


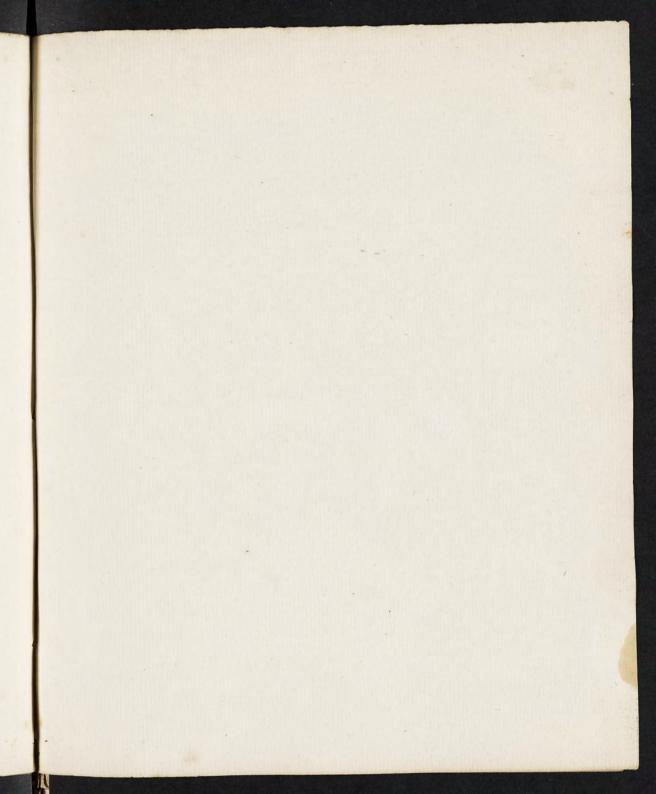


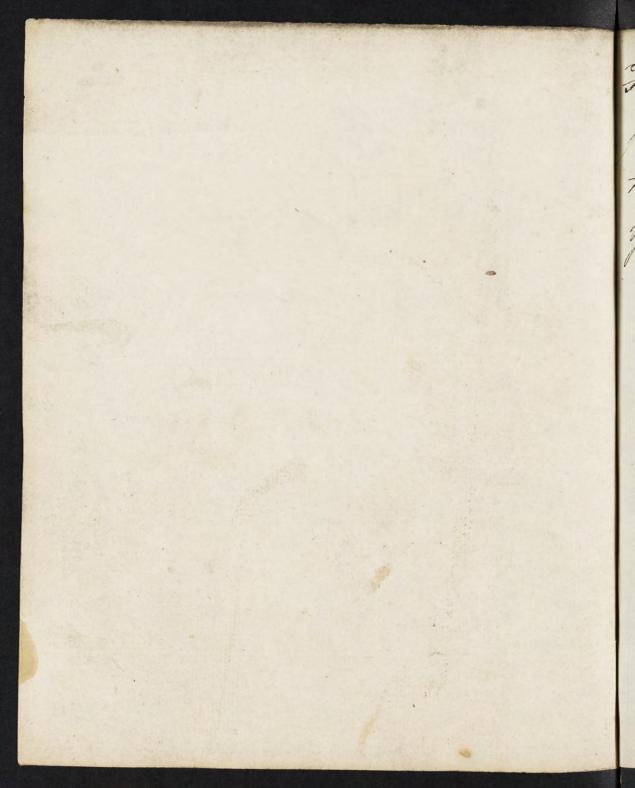




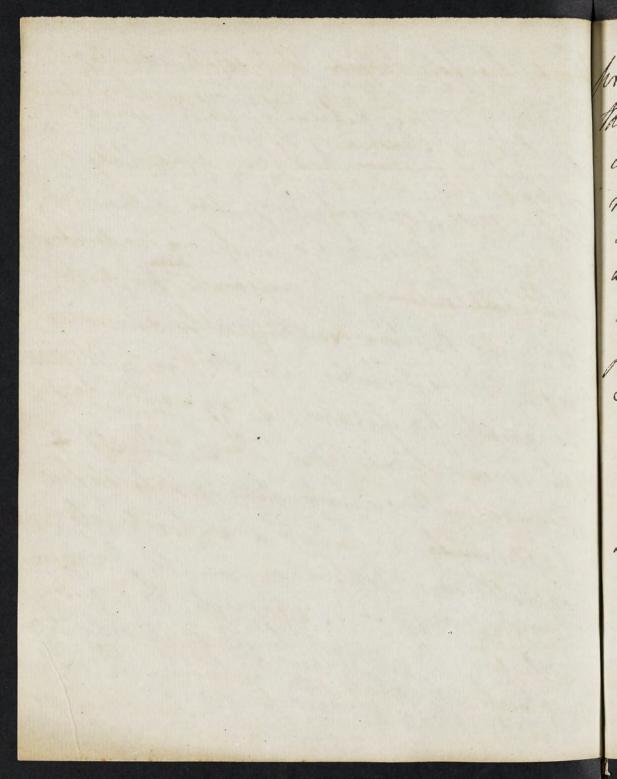








From the first dawn of Medicine to the breaml times the difficulty which attender the study of mideine has been acknowledged by the most eminent Professors of the art Ars longa, vita brevis is the introduction A the aphorisms of Hippocrates, the truth of which has been aconstimed by succeeding ages. The difficulty however is variainly much Referred, if a proper plan is pursued to Atain our objects. The ho distinguish To diseases with occuracy, to investigate their eauses with as far as it is practicable, and there to determine on the most rational method of removing the cause, or when this cannot be accomplished, to obviate its effects, are enlainly the impor, tant points on which the surals of our



practice jours depends. The great advantage therefore from attending medical Lectures is, that is appareince of former times is methodically arrangeds, & faithfully detaileds; Brooms of even doubts exploseds, A as far as the spherience of an individual can have interested, to confirm of imperove judicious & candid observations confirmed of improved. Hence the study of Mideine is greatly facilitated by an attendance on medical Sectures; these will lay y. foundation, on which you by industry of application of raise a superstructure equally profitable & honourable. To become. respectable in the sphere of like in which you are blaced by Providence A to support a characters with dignity

40 af a 0 1 The 0 you must arrive at eminence in your profession; unwearied application A indefatigable industry will infallibly conduct you to that point. The only rule for your conduct as min & as Physician is comprized in these few words: Do unto others as you would wish them to do unto you. In these every duty is comprehended, and by attending to them, a conscious ness of the rectitude of your intentions will shields of defends you against the untoward accidents & occurrences of Sife -I should neither do justice to you or to my falings, were I to pass unno, ticed the regular and assiduous

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tention with which you have honoured here Lectures, and If which I shall always retain a pleasing recollection_ and the the quater hart of you will in a short time be removed to a distance from me, I beg you to be assured that I shall ever ful myself interested in your prosperity, and be at all times ready to zender you every friendly flice in my power - with if warmed A sincerest wishes for your & welfare and happiness I now take my leave of you. may you discharge the important duties of your profession with honour, & may is bractice of thy sich be attended with emolument to yourselves of advantage to your fellow creatures

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is the foundation of plinical dectures, where wery thing certain ought to be dewind nothing hypothetical; I when every Theory is brought to is touchestone Asperience. I I shall now make some reflections on if Matur & fund of linaus in general. Every Orimal hath a cortain external of internal offer the of potents, & certain functions allotted to There: when an animal hat fasts natural of lin common to the perior sperforms the functions property, it is called a natural or sound state; but when we he Diseau is that state of the body, where the functions necessary to health, are either unduly beformed or not performed at all. This state anies either from something is a habit which impedes the functions or (2) from something wanting but is requisite for their Justormance Their i Vorniling and other Symptoms a. nuce after swallowing too large a quantity of correlive fullimate, of in the aundice the offication of y bill from woher in y biliary ducks, on examples I'm fint mentioned cauche; Shill the Indigutions as other fumptions from defect Dile in the Intestines, is an illustration of the other. Hence if general Indications flower are to remove what is hurtful of to prepay what is defective. In i. care Sublimate being swallowed, we remove what is hertful by dilution of apristing to niting, in I Jaundice we remove what is hadful by miderines to defeater ?. Hours, we restore what is wanting by bitters & Paponadeous medicines. If dinham ath defined Disease to be an effort of Nature; to Throw of is offending cause But in definition is not a two one, it applies only to is Symptoms of if Direce, or unused mobidemotions, excited by if police of feeling in animal fibres, for ser our machine much mechanical officition would foroduce no violent Imptoms, but it isould become unfill for performing if functions, wout the vertion of any effort. To under this more clear on that of by orptoms can only properly be called an effort of Mature to them of of offending cause I shall give en apample. When then is an indolent tumor of & Mech, we must allow a disease but there no effort is aparted, of that only is if care when it turner becomes foringful of Thete are thomas into motions which of tend to remove the direau

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Some in of Shidneys is a disease, but no effort is everted till fair is foroduced, hich affects the heart satisfies of energies of circulation; by fyre pathy if Homach i afeeled thrown into convulies motions, by which a comiting is foreduced conequently the squesing of is hidneys, by this an efort is made to those 4. Hending baun. In general Phowever we may speak of a dinace as an Not to sectore health & hince see of truth of what Steppowater said, of Malure ous you were of diseases. I must be confifted however, that the this los trues Int nature often stands in new of apristance of thet is motions excited are Cometimes so vistent as to induster life, and sometimes too slow to pres une it, so that i Indications come to moderate or to enerce the motions specition to delete so at to expel the ofending cause. Instances of this we have in the pephritis, Swelling of of Tantidus of of Small pox. The bholes moder is also no this example. Nature indeavours to use this dinace by expulsion of we are apist her by dibution; but if the Vomiting Spenying too bished, we much thop tum by speaker & afterwards carry of y. airid matter by purpations. But y. Boy, wien much not only april telien, he much also direct her her eforts being sometimes, vainted sometimes misplaced. There when if fout goes to of head or Lungo, we much not afait her, but indeavour to loving & directe to if extremeties. The forum of patien one very different in acute diseases she is The chiff They Milan or what medicines are given, are given as who directs. In chronic com plaints & care, is very different - On what does this difference depend? In aute dinaces then is something to encease the motion of g. blood of g. disease is of trell less permanent in the chronice there is nothing to rouse Matiene. The circulation is little changed, of disease is more fixed & worse to conquery if efforts an exerted, they often tend to enercase of dinace, as ag. in it from in y. hadder. Hence the Thysician hath most to do in chronic cases. In acute directes is contitu tion refrents are make if theif differences when no particular part in inflamed then atten and no farther applicance then girl in her of diluting drinks but when then is particular inflamation or danger of & putufaction and garpane

In Mature is not the buse, but he physician. I much mouthelife also be al, lowed that in many acute diserces, a foredent Physician Sees occasion to both on for many days of his we may vay is biero: Naturam optiment ducent langulum Down Jequimer. The general Rules for the freetiment of acute differ pero are Il accurately to observe how they naturally forocus 4 what Matine Jeems to point at 12/ not to force a frisis (3) never to give the mulants, when the Motions are too much enscared, nor anodynes when they an too weak . - a Physician should learn to one pero medicines & not of change them tool often, as since is often newbory for the operation. In chronic cases Boerhave always directed het foreveriptions to be wed 2 or 3 months. Perfore we enter on the immediate consideration of our Julich will be proper to premise something on the plan of thise between a what is proposed to be taught in them. I worse Lectures on the Theory A Fractice of Physich comprehends Prignice by, Pathology with the History of cure of diseases. In the nedical Lehools of turke the two former are often delivered sepen tity of constitute a course independent of in Lectuces on the Practice. his may no doubt answer extremely well in those Institutions here it is not uncommon for Students to continue for three more years, a high against them sufficient time to study medi, ine on a much more diffused of enlarged plan then is suited The circumstances of situation of this country. But were then need had I the Time is employed in establishing prefuting frange heular opinions which is perhaps not always to much purpose.

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witogy which teaches the functions of ig. different organs shart a heelthy states of the body is so immediately connected I lengtomy that they cannot be well separated, at least it my difficult to acquire any perfect Idee of the subject but a combined with antomeial demonstration to par however it may lead to a more perfect knowledge of a disease nothing I be omitted that can be of any asopelness. With respect to thology it appears certainly more rational a point out how functions are injured by disease when we treat of the mithes rutore hem to a healthy sound state; then to separate the emaiderations. I shall therefore under when treating of any Internal disease deliver the peter logy of it that is in ful manner the functions are impeded the descuse from the arious Plans of Lesterns have been proposed spublished on the best whood of delivering the Fractice of Trysich; all of them are attended the their imperfections as well as perfections .- I propose of Un the order lais down by In Callen in his Synopsis Structive Thy sich, allowing myself however the liberty to desicte from im where my intiments do not wincide with his les many of you the idea of a Mosslogie methodie may not meant by a Modelogia methodica. -

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has been & is the opinion of some then of deringuished eminence I way direase was distinguished by fathognomic or pullier reptores which were characteristic of it of would serve to descriming to it from every this; in the same manner as the various Quetions of Reture, particularly in y vegetable fanimal ydom are by peculiar marker distinguished from all others; consequence of which they are reduced under their respective sper, orders Seenera. It was thright that direases might be ranged in the same manner, that those which speed in in nature & treatment would of course be elapsed or associated factor, of the greatly facilitate the study Annoward of disers. rosecuted this idea to any extent; Sauvages sainnous were only estemperaries but on terms of the most intimate bundship, & I was taught & believe that y ideo of Mosologia rethodies was first suggested by Linnous to Laurages who would in in the strongert manne of mehe sprosecute the attempts auraja auringly published a small volume on the subject of Ennieus some years after his genera mortorum which served Fin as which for his Lutures on the Diagnosis mertorem. In my attendance on those Lectures, Linnous I had an opportunity of hearing the Lystem explained Ary, advantages of it pointed out

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ne years after Vagel & Lagar published their Lystems & Dr. Cullen since favoured us with his. I would answer no purpose to be any remarks on Systems which are known only by name rung us; but it will not be improper to ofer some consideres on Dr. Callens. The principal office as I before observed is errange diseases of a similar nature together of to distinguish them invariable officed Lymptoms. Unless this is accomplished one prin. Il design of a nosologie methodies is lost. Ind the the eleper For of dineses, in the same manner as in subjects of natural toy, may be artificial, it is absolutely acceptany that the differt. new should be natural, that were species should pour the eractivistic or patragnomic vymptoms of its genus. But if we in of So. Cullins Lystems by this standard it will be found betieve. - One or two instances will at present be sufficient, receiving excumerhes on others when we total of the particular diseaser_ nder the genus Exprenche he restores the inflammatory of the trick sow throat as Juies; the in this nature, cause scure dis two directes can be more distinct; with equal proposity right he leve placed the inflamatory & patrid four under the ene dows, for they differ no more then if putrid of inflamatory re throat from each other. They have nothing in common but this being seated in the same parts; A so is a Peripheumong of Insumption, which however he considers as different general

the much no analogous then if putind sinflemetory some you lender the genus spoplery he places the hydroughalus, of of the feets of poyeons & both as pecies the totally different in the Symptoms & cure. But notwith standing these defects, while are indude great Attaining of may be unged as powerful jution against any nourtogico methodice, his first clines of the Practice of Physich, which I trust you are generally nished with, is a performance of superior music on account of the History of direases which he has there delivered. I in my opinion, consist its great excellence of stands alto the unrivalled for the concisences, perspecuity, fied gomen A accuracy which he has shown in this most exentil part of wery Treatise on the practice of Anysich. His They of many dinases is indeed so perfect scomplet that aformmentator must often be at a lof to add any of servations or remerbes worthy of attention on them. It is excellence however which recommends it particularly to the instant attention of the Student of medicine, for nothing be of queter importance this than a perfect of intimate knowledge of dinases; and the the arrangement may, in my opinion at least, be in some instances faulty, A his theories not always consistent most my sentiments of on particular

the minence which hed icine Shell be cultivated as a science.

The question has lately bun a good deal agitated among whether there is any advantage to be derived from if. Study Latin, A whether it is in any defree necessary to a medica education. It Williamson in a letter & In Souhston of New has endeavoured to explode yides that Latin is newfray, of all if. publications that I have read on the subject appears me to have advanced the most powerful reasons & argument against it. To me however they are not conclusive, & I'm waterue of the opinion that in the present state of medical Seince it is of considerable use to have a knowledge of the a Tongue. It appears absolutely newpay that the Literate in different countries of hurspe should have a common language convy their sentiments. From a vanity of viruemstances, in present not to be enquired into, the latin is the language a in that intention & home a vanity of brokes have been of continue to be published an the Continent of hurspe in late that are not translated into english. The works of Hoffen of De Hachn, many of the most estumed works of Heller, to Cullens Inopin with a number of other very capital broke one in later & will probably never be make their appearan in an english drefs. - and the there is no doubt but what a Penow may practice tredicine with sweets who has never read movine with more advantage if he has read them. Meny for the said of the said A late them low an tesi

